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TABELAS MOMENTO-CURVATURA
SEÇÃO RETANGULAR

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TABELAS MOMENTO-CURVATURA - SEÇÃO RETANGULAR.

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Resumo

Apresentam-se tabelas momento-curvatura para seções retangulares sob flexo-compressão normal. Considera-se a armadura disposta em 2 bordas ou distribuída em todo o perímetro da seção.

Abstract

Moment-curvature tables are presented for rectangular sections under compression and uniaxial bending. Both corner and distributed reinforcements are considered.

1. INTRODUÇÃO.

As tabelas que se apresentam neste trabalho correspondem à interação força normal-momento fletor-curvatura relativa à seção retangular, sob flexo-compressão normal, com armadura qualquer - em duas bordas ou distribuída ao longo do perímetro.

O programa feito é bastante geral, servindo até mesmo para a armadura assimétrica, ainda que distribuída em todo o perímetro da seção (bastando, neste caso excepcional, fazer uma leve adaptaçao na sub-rotina que calcula o número de barras por camada, ou substituí-la por uma nova entrada de dados).

O programa emprega o formulário de nossa autoria para o cálculo de R_{cc} e da sua posição.

2. NOTAÇÕES.

A_c = área da seção transversal;

A_s = área da seção total de aço;

N_d = força normal majorada;

M_d = momento fletor majorado;

b = largura da seção retangular;

h = altura da seção retangular;

d' = distância da camada extrema de barras à borda mais próxima;

f_{ck} = resistência característica do concreto;

f_{yk} = resistência característica do aço;

r = raio de curvatura;

γ_c = coeficiente de minoração da resistência do concreto;

γ_s = coeficiente de minoração da resistência do aço;

$\sigma_{cd} = 0,85 . f_{ck} / \gamma_c$

$f_{yd} = f_{yk} / \gamma_s$

$\delta = d'/h$

$\theta = 1000\ h/r$

$$\nu = \frac{N_d}{\sigma_{cd} . A_c}$$

$$\mu = \frac{M_d}{\sigma_{cd} . A_c . h}$$

$$\omega = \frac{A_s . f_{yd}}{A_c . \sigma_{cd}}$$

As demais notações encontram=se ao longo do texto do item seguinte.

3. APRESENTAÇÃO DAS TABELAS.

As tabelas consideram os dois tipos de aço mais empregados na construção brasileira: CA-50A e CA-50B. A resistência do concreto é qualquer . Para o cobrimento relativo δ, adotamos os valores usuais 0,05 - 0,10 - 0,15. Tendo em vista diminuir o número de tabelas, consideramos apenas 3 arranjos de armadura (fig.1):

1) Armadura em duas bordas b ($n' = 2$; $n_1 = 2$)

2) Armadura ao longo de todo o perímetro ($n' = 10$; $n_1 = 8$)

3) Armadura em duas bordas h ($n' = 10$; $n_1 = 2$)

onde:

n' = número de camadas de barras de aço (número de linhas);

n_1 = número de barras da primeira camada (igual ao da última).

Observações:

a) Os valores de n' e de n_1 indicados acima, entre parênteses, foram os considerados no programa. De fato, com n'=10 e n_1=8, pode-se supor armadura distribuída ao longo de todo o perímetro.

b) É evidente que, no arranjo 1, n_1 pode ser qualquer, sem alteração da taxa ω.

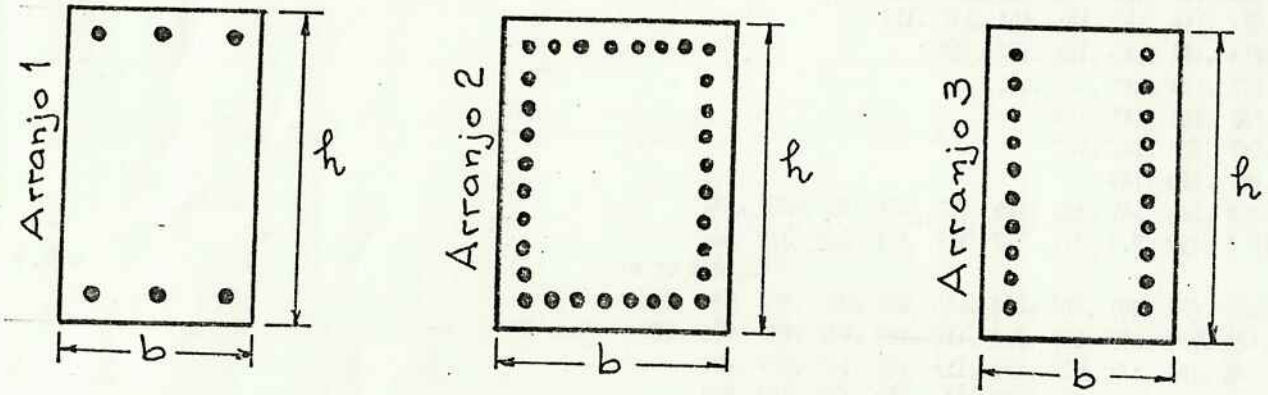

Figura 1

Para maior conforto do usuário, as tabelas indicam também os valores do momento de ruptura (reduzido adimensional) μ_F e a correspondente curvatura majorada adimensional θ_F. Fornecem também ν_o, que é o valor reduzido adimensional da força normal de ruptura no caso ideal de compressão centrada.

Fez-se a força normal ν variável de 0,0 a 2,4; a taxa mecânica ω de 0,1 até 2,0; a curvatura θ, de 1,0 a 8,0.

As tabelas são dispostas na seguinte ordem:

Tabela	Aço	δ	n'	n_1
1	CA-50A	0,05	2	2
2	CA-50A	0,10	2	2
3	CA-50A	0,15	2	2
4	CA-50A	0,05	10	8
5	CA-50A	0,10	10	8
6	CA-50A	0,15	10	8
7	CA-50A	0,05	10	2
8	CA-50A	0,10	10	2
9	CA-50A	0,15	10	2
10	CA-50B	0,05	2	2
11	CA-50B	0,10	2	2
12	CA-50B	0,15	2	2
13	CA-50B	0,05	10	8
14	CA-50B	0,10	10	8
15	CA-50B	0,15	10	8
16	CA-50B	0,05	10	2
17	CA-50B	0,10	10	2
18	CA-50B	0,15	10	2

TABELA 1a

ACO CA-50A delta=0.05 n'= 2 ni= 2

```
    ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
                                                                                                                    ni0= 1.10
                                                    Valores de mi
w=0.1
teta=1.0 .017 .044 .063 .072 .074 .069 .063 .057 .050 .041 .029
     1.5 .025 .054 .075 .090 .098 .099 .093 .083 .071 .057 .035
     2.0 .033 .062 .086 .103 .113 .118 .115 .105 .089 .066 .038
     2.5 .041 .071 .095 .113 .126 .131 .130 .119 .098 .071
     3.0 .045 .079 .103 .122 .135 .142 .139 .125 .104 .074 ?
     3.5 .045 .083 .111 .131 .144 .149 .144 .130 .107
     4.0 .045 .084 .116 .138 .151 .154 .147 .133
     4.5 .045 .084 .117 .143 .156 .157 .150
     5.0 .045 .085 .118 .145 .161 .161
     6.0 .045 .086 .120 .147 .162
     7.0 .045 .087 .122 .146 .163
     8.0 .045 .087 .123 .148
    mief= .046 .088 .124 .149 .163 .165 .152 .134 .109 .075 .038
   tetaf= 11.6 12.8 14.2  9.4  7.1  5.7  4.9  4.3  3.8  3.2  2.1
                                                                                                                    ni0= 1.19
                                                    Valores de mi
w=0.2
teta=1.0 .030 .054 .071 .081 .084 .080 .075 .069 .063 .056 .047 .035
     1.5 .046 .070 .089 .103 .111 .114 .110 .102 .092 .080 .066 .039
     2.0 .061 .085 .105 .121 .132 .137 .136 .130 .117 .099 .073
     2.5 .075 .100 .120 .137 .148 .155 .156 .150 .132 .106 .077
     3.0 .088 .114 .135 .151 .163 .170 .170 .158 .139 .111
     3.5 .088 .125 .149 .165 .177 .183 .177 .164 .143 .115
     4.0 .089 .126 .158 .178 .189 .190 .183 .168
     4.5 .089 .127 .160 .187 .199 .196 .187
     5.0 .089 .128 .161 .189 .206 .202 .191
     6.0 .090 .129 .164 .192 .207
     7.0 .090 .130 .166 .193 .208
     8.0 .090 .131 .167 .193
    mief= .091 .133 .169 .194 .208 .209 .192 .171 .146 .115 .078 .040
   tetaf= 12.0 12.9 14.2  9.4  7.1  5.7  5.0  4.5  4.0  3.6  2.8  1.8
                                                                                                                    ni0= 1.29
                                                    Valores de mi
w=0.3
teta=1.0 .043 .064 .080 .090 .094 .091 .086 .081 .076 .069 .062 .054 .039
     1,5 .065 .086 .104 .117 .125 .128 .127 .120 .111 .101 .090 .073 .041
     2.0 .086 .107 .125 .139 .150 .156 .157 .153 .143 .130 .107 .078
     2.5 .107 .128 .146 .160 .171 .178 .181 .178 .165 .141 .113 .081
     3.0 .128 .148 .166 .180 .191 .198 .201 .191 .173 .148 .117
     3.5 .131 .167 .185 .199 .210 .217 .212 .198 .179 .153
     4.0 .132 .169 .200 .218 .228 .228 .219 .204 .183
     4.5 .132 .170 .203 .231 .242 .236 .225 .209
     5.0 .133 .171 .205 .233 .251 .244 .231
     6.0 .133 .173 .208 .237 .252
     7.0 .134 .174 .210 .238 .253
     8.0 .134 .175 .212 .238
    mief= .135 .178 .214 .239 .253 .253 .232 .210 .184 .154 .119 .081 .042
   tetaf= 12.2 13.0 14.2  9.4  7.1  5.8  5.1  4.6  4.2  3.8  3.3  2.5  1.5
                                                                                                                    ni0= 1.39
                                                    Valores de mi
w=0.4
teta=1.0 .055 .074 .089 .099 .103 .102 .098 .093 .088 .082 .076 .069 .061 .041
     1.5 .083 .102 .118 .130 .139 .143 .142 .137 .129 .121 .111 .100 .077
     2.0 .110 .128 .145 .158 .168 .174 .176 .174 .168 .157 .140 .113 .081
     2.5 .137 .155 .171 .184 .195 .202 .205 .204 .198 .176 .149 .118
     3.0 .163 .181 .196 .209 .220 .227 .230 .224 .207 .184 .155 .122
     3.5 .174 .206 .221 .234 .244 .250 .247 .233 .214 .190 .159
     4.0 .175 .211 .243 .257 .266 .267 .256 .240 .220
     4.5 .176 .213 .246 .275 .285 .277 .264 .246
     5.0 .176 .214 .248 .278 .296 .286 .271
     6.0 .177 .216 .252 .282 .297
     7.0 .178 .218 .254 .283 .298
     8.0 .179 .219 .257 .283
    mief= .180 .222 .259 .284 .298 .298 .274 .249 .222 .193 .160 .122 .083 .043
   tetaf= 12.4 13.0 14.2  9.4  7.1  5.8  5.2  4.7  4.3  3.9  3.6  3.0  2.3  1.3
```

TABELA 1b

ACO CA-50A delta=0.05 n'= 2 ni= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=0.5                                                  Valores de mi                                                  ni0= 1.48
 teta=1.0 .067 .084 .098 .108 .113 .113 .109 .104 .100 .094 .089 .083 .076 .068 .043
      1.5 .100 .117 .132 .144 .152 .157 .158 .154 .147 .140 .131 .122 .111 .081
      2.0 .133 .149 .164 .177 .186 .193 .196 .195 .191 .182 .170 .148 .118 .084
      2.5 .165 .181 .196 .208 .218 .225 .229 .229 .226 .211 .185 .155 .122
      3.0 .197 .213 .227 .239 .248 .255 .259 .258 .242 .220 .193 .161
      3.5 .217 .243 .257 .268 .277 .283 .283 .269 .250 .226 .198
      4.0 .218 .254 .286 .297 .305 .306 .294 .278 .257 .231
      4.5 .219 .256 .289 .319 .328 .318 .304 .285
      5.0 .220 .258 .292 .323 .341 .328 .312
      6.0 .221 .260 .296 .327 .342
      7.0 .222 .262 .299 .328 .343
      8.0 .223 .263 .301 .328
    mief= .224 .267 .304 .329 .343 .342 .316 .290 .262 .232 .200 .163 .124 .084 .043
   tetaf= 12.5 13.1 14.2  9.4  7.1  5.8  5.3  4.9  4.4  4.1  3.7  3.4  2.8  2.0  1.1
w=0.6                                                  Valores de mi                                                  ni0= 1.58
 teta=1.0 .078 .094 .107 .117 .122 .123 .120 .115 .111 .106 .101 .096 .090 .083 .076
      1.5 .117 .133 .146 .158 .166 .171 .172 .170 .165 .158 .150 .142 .133 .116 .084
      2.0 .155 .170 .184 .196 .205 .211 .215 .215 .212 .206 .196 .182 .154 .122
      2.5 .193 .208 .221 .232 .242 .248 .253 .254 .252 .245 .221 .192 .161 .126
      3.0 .230 .244 .257 .268 .277 .283 .287 .289 .276 .255 .230 .199 .165
      3.5 .259 .280 .292 .302 .311 .317 .319 .305 .286 .263 .236 .204
      4.0 .261 .297 .327 .336 .344 .346 .333 .316 .294 .269
      4.5 .262 .299 .333 .363 .372 .359 .344 .324 .301
      5.0 .263 .301 .336 .367 .386 .371 .353
      6.0 .265 .304 .340 .372 .387
      7.0 .266 .306 .344 .373 .388
      8.0 .267 .308 .346 .373
    mief= .269 .312 .349 .374 .388 .387 .359 .331 .302 .272 .239 .205 .166 .126 .085 .044
   tetaf= 12.6 13.1 14.2  9.4  7.1  5.8  5.4  4.9  4.6  4.2  3.9  3.6  3.1  2.5  1.8  1.0
w=0.7                                                  Valores de mi                                                  ni0= 1.68
 teta=1.0 .089 .104 .117 .126 .131 .133 .130 .126 .122 .118 .113 .108 .103 .097 .091 .081
      1.5 .133 .148 .161 .171 .179 .185 .187 .186 .182 .175 .168 .161 .153 .144 .120 .085
      2.0 .177 .191 .204 .215 .223 .230 .234 .235 .234 .229 .221 .210 .190 .159 .125
      2.5 .220 .233 .246 .256 .265 .272 .276 .278 .278 .274 .256 .229 .198 .165
      3.0 .263 .275 .287 .297 .305 .312 .316 .318 .311 .291 .266 .237 .204
      3.5 .302 .317 .327 .337 .344 .350 .354 .342 .323 .300 .274 .243
      4.0 .304 .340 .367 .376 .382 .386 .372 .354 .332 .308 .279
      4.5 .306 .343 .377 .407 .415 .401 .384 .364 .340
      5.0 .307 .345 .380 .412 .431 .414 .395 .372
      6.0 .309 .348 .385 .417 .432
      7.0 .310 .350 .388 .418 .433
      8.0 .311 .352 .391 .418
    mief= .314 .357 .394 .419 .433 .432 .402 .372 .342 .312 .279 .245 .208 .168 .127 .086 .044
   tetaf= 12.7 13.2 14.2  9.4  7.1  5.8  5.4  5.0  4.7  4.3  4.0  3.7  3.4  2.9  2.3  1.7  0.9
w=0.8                                                  Valores de mi                                                  ni0= 1.77
 teta=1.0 .100 .114 .126 .135 .140 .143 .141 .137 .134 .129 .125 .121 .116 .111 .105 .099 .084
      1.5 .150 .163 .175 .185 .193 .199 .201 .201 .198 .193 .186 .179 .172 .164 .155 .124 .087
      2.0 .199 .211 .223 .234 .242 .248 .253 .255 .254 .251 .244 .235 .225 .196 .163 .128
      2.5 .247 .259 .270 .280 .289 .295 .300 .302 .303 .300 .291 .266 .236 .203 .168
      3.0 .295 .306 .317 .326 .334 .340 .345 .347 .347 .327 .303 .275 .243 .208
      3.5 .342 .353 .362 .371 .378 .384 .388 .379 .360 .338 .311 .282 .248
      4.0 .347 .383 .407 .415 .421 .426 .411 .393 .371 .346 .318
      4.5 .349 .386 .420 .452 .459 .444 .425 .404 .380
      5.0 .351 .389 .424 .457 .476 .458 .437 .413
      6.0 .353 .392 .429 .462 .477
      7.0 .355 .395 .433 .463 .478
      8.0 .356 .397 .436 .463
    mief= .358 .401 .439 .464 .478 .476 .446 .415 .384 .352 .319 .285 .249 .210 .169 .128 .087 .044
   tetaf= 12.8 13.2 14.2  9.4  7.1  5.8  5.4  5.1  4.8  4.4  4.1  3.9  3.6  3.2  2.7  2.1  1.5  0.8
```

TABELA 1c

ACO CA-50A delta=0.05 n'= 2 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=0.9 Valores de mi ni0= 1.87

teta=1.0	.111	.124	.135	.144	.150	.152	.152	.148	.145	.141	.137	.132	.128	.123	.118	.113	.107	.085			
1.5	.166	.178	.190	.199	.207	.213	.216	.216	.214	.209	.203	.197	.190	.183	.175	.160	.126				
2.0	.220	.232	.243	.253	.261	.267	.272	.274	.274	.272	.267	.260	.250	.232	.201	.167					
2.5	.273	.285	.295	.305	.313	.319	.324	.326	.327	.326	.322	.302	.274	.242	.207	.171					
3.0	.326	.337	.347	.355	.363	.369	.373	.376	.377	.363	.340	.313	.282	.248	.212						
3.5	.378	.388	.397	.405	.412	.417	.421	.417	.398	.375	.349	.320	.288								
4.0	.391	.426	.447	.454	.460	.465	.452	.432	.410	.385	.357										
4.5	.393	.430	.464	.496	.503	.486	.467	.445	.420	.393											
5.0	.395	.432	.468	.501	.521	.501	.479	.455													
6.0	.397	.436	.474	.507	.522																
7.0	.399	.439	.478	.508	.523																
8.0	.400	.441	.481	.508																	
mief=	.403	.446	.484	.509	.523	.521	.489	.457	.425	.393	.360	.326	.290	.252	.212	.171	.129	.087	.044		
tetaf=	12.8	13.2	14.2	9.4	7.1	5.8	5.5	5.1	4.8	4.5	4.2	4.0	3.7	3.5	3.0	2.5	2.0	1.4	0.7		

w=1.0 Valores de mi ni0= 1.97

teta=1.0	.122	.134	.145	.153	.159	.162	.162	.159	.155	.152	.148	.144	.140	.136	.131	.126	.121	.115	.087		
1.5	.182	.192	.204	.213	.221	.226	.230	.231	.230	.226	.221	.215	.208	.202	.195	.187	.164	.128			
2.0	.241	.252	.263	.272	.280	.286	.290	.293	.294	.292	.289	.283	.275	.266	.238	.205	.170				
2.5	.300	.310	.320	.329	.336	.343	.347	.350	.352	.351	.348	.338	.311	.280	.246	.211					
3.0	.357	.367	.377	.385	.392	.398	.402	.405	.406	.399	.376	.350	.320	.288	.252						
3.5	.415	.424	.432	.440	.446	.451	.455	.455	.436	.413	.387	.359	.327	.293							
4.0	.434	.470	.487	.493	.499	.503	.492	.472	.449	.424	.396	.366									
4.5	.436	.473	.508	.541	.547	.529	.508	.485	.460	.433											
5.0	.438	.476	.512	.546	.566	.545	.522	.497													
6.0	.441	.481	.518	.552	.567																
7.0	.443	.484	.522	.553	.568																
8.0	.445	.486	.526	.553																	
mief=	.448	.491	.529	.554	.568	.566	.533	.500	.468	.435	.401	.367	.331	.294	.254	.213	.172	.130	.088	.044	
tetaf=	12.9	13.2	14.2	9.4	7.1	5.8	5.5	5.2	4.9	4.6	4.3	4.1	3.8	3.6	3.3	2.8	2.4	1.8	1.3	0.6	

w=1.1 Valores de mi ni0= 2.06

teta=1.0	.132	.144	.154	.162	.168	.171	.172	.170	.166	.163	.159	.156	.152	.148	.143	.139	.134	.129	.124	.087	
1.5	.197	.208	.219	.227	.235	.240	.244	.246	.245	.242	.237	.232	.226	.220	.213	.207	.199	.167	.130		
2.0	.262	.272	.282	.291	.298	.305	.309	.312	.313	.313	.310	.305	.298	.290	.274	.243	.209	.172			
2.5	.326	.335	.345	.353	.360	.366	.371	.374	.376	.376	.374	.371	.347	.318	.285	.250	.214				
3.0	.388	.398	.406	.414	.421	.426	.431	.434	.435	.435	.413	.387	.359	.327	.292	.255					
3.5	.451	.459	.467	.474	.480	.485	.489	.491	.474	.451	.426	.397	.367	.333	.297						
4.0	.477	.513	.527	.533	.538	.542	.533	.512	.489	.463	.435	.405									
4.5	.480	.517	.552	.585	.592	.572	.550	.527	.501	.473											
5.0	.482	.520	.557	.591	.611	.589	.565	.539													
6.0	.485	.525	.563	.597	.612																
7.0	.488	.528	.567	.598	.613																
8.0	.489	.530	.570	.598																	
mief=	.493	.536	.574	.599	.613	.611	.577	.544	.510	.476	.442	.408	.372	.335	.297	.256	.215	.173	.131	.088	.045
tetaf=	12.9	13.2	14.2	9.4	7.1	5.8	5.5	5.2	5.0	4.7	4.4	4.2	4.0	3.7	3.5	3.1	2.7	2.2	1.7	1.2	0.6

w=1.2 Valores de mi ni0= 2.16

teta=1.0	.143	.154	.163	.171	.177	.181	.182	.180	.177	.174	.170	.167	.163	.159	.155	.151	.147	.142	.138	.127	.088
1.5	.213	.223	.233	.242	.249	.254	.258	.260	.260	.258	.254	.249	.243	.236	.232	.225	.219	.204	.169	.131	
2.0	.283	.292	.302	.310	.317	.323	.328	.331	.333	.333	.331	.327	.321	.314	.306	.280	.247	.212	.173		
2.5	.351	.361	.369	.377	.384	.390	.395	.398	.400	.401	.400	.397	.384	.355	.324	.290	.254	.216			
3.0	.419	.428	.436	.443	.450	.455	.459	.462	.464	.465	.450	.425	.397	.366	.332	.296					
3.5	.486	.494	.502	.508	.514	.519	.522	.525	.513	.490	.464	.436	.406	.373	.338						
4.0	.521	.557	.566	.572	.577	.581	.574	.553	.529	.503	.475	.445	.413								
4.5	.524	.561	.597	.630	.636	.615	.593	.568	.542	.514	.484										
5.0	.526	.564	.601	.636	.656	.633	.608	.581	.553												
6.0	.530	.569	.607	.642	.657																
7.0	.532	.573	.612	.643	.658																
8.0	.534	.575	.615	.643																	
mief=	.538	.581	.619	.644	.658	.656	.621	.587	.553	.519	.484	.449	.413	.377	.339	.299	.257	.216	.174	.131	.088
tetaf=	12.9	13.2	14.2	9.4	7.1	5.8	5.5	5.3	5.0	4.8	4.5	4.3	4.0	3.8	3.6	3.3	2.9	2.5	2.1	1.6	1.1

TABELA 1d

ACO CA-50A delta=0.05 n'= 2 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=1.4											Valores de mi												ni0= 2.35
teta=1.0	.163	.173	.182	.190	.196	.199	.201	.201	.198	.195	.192	.189	.186	.182	.179	.175	.171	.168	.163	.159	.155		
1.5	.244	.253	.262	.270	.277	.282	.286	.289	.290	.289	.286	.282	.277	.272	.267	.261	.256	.250	.244	.211	.173		
2.0	.324	.333	.341	.349	.355	.361	.366	.369	.371	.372	.371	.369	.366	.360	.353	.346	.323	.290	.254	.216			
2.5	.403	.411	.419	.426	.432	.438	.442	.446	.448	.449	.449	.448	.445	.430	.400	.368	.333	.297	.259				
3.0	.480	.488	.495	.502	.508	.513	.517	.520	.522	.523	.523	.500	.473	.443	.411	.377	.340	.302					
3.5	.557	.564	.571	.577	.582	.586	.590	.592	.591	.567	.542	.514	.484	.452	.418	.382							
4.0	.608	.640	.645	.650	.655	.658	.657	.634	.610	.583	.555	.525	.493	.459									
4.5	.612	.649	.685	.719	.725	.702	.678	.652	.625	.596	.566												
5.0	.614	.653	.690	.726	.746	.721	.694	.666	.637														
6.0	.618	.658	.697	.732	.747																		
7.0	.621	.662	.702	.733	.748																		
8.0	.623	.664	.705	.733																			
mief=	.627	.671	.709	.734	.748	.746	.710	.675	.639	.604	.568	.532	.496	.460	.422	.384	.343	.302	.260	.218	.175	.089	
tetaf=	13.0	13.3	14.2	9.4	7.1	5.8	5.6	5.3	5.1	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.0	2.6	2.3	1.8	0.9	
w=1.6											Valores de mi												ni0= 2.55
teta=1.0	.184	.193	.201	.208	.214	.218	.220	.221	.219	.216	.213	.211	.208	.205	.201	.198	.195	.191	.188	.184	.180	.171	
1.5	.275	.283	.291	.299	.305	.310	.314	.317	.319	.319	.318	.315	.310	.306	.301	.296	.291	.286	.280	.275	.252	.175	
2.0	.364	.372	.380	.387	.393	.399	.403	.407	.410	.411	.411	.410	.408	.404	.399	.392	.386	.366	.332	.296	.259		
2.5	.453	.461	.468	.474	.480	.485	.490	.493	.496	.498	.498	.498	.496	.494	.476	.445	.412	.377	.340	.302			
3.0	.541	.548	.554	.560	.566	.570	.574	.578	.580	.582	.582	.576	.549	.520	.489	.456	.421	.384	.345				
3.5	.628	.634	.640	.645	.650	.654	.657	.660	.662	.646	.620	.593	.563	.532	.499	.464	.427						
4.0	.696	.719	.724	.729	.733	.736	.739	.717	.692	.665	.636	.606	.574	.541									
4.5	.700	.737	.774	.809	.814	.789	.764	.737	.709	.679	.648	.616											
5.0	.703	.741	.779	.815	.836	.810	.782	.752	.722														
6.0	.707	.747	.786	.822	.837																		
7.0	.710	.751	.792	.823	.838																		
8.0	.712	.754	.795	.823																			
mief=	.717	.761	.799	.824	.838	.836	.799	.762	.726	.690	.653	.617	.580	.543	.506	.467	.428	.388	.346	.304	.262	.176	.089
tetaf=	13.0	13.3	14.2	9.4	7.1	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	3.1	2.8	2.4	1.6	0.8
w=1.8											Valores de mi												ni0= 2.74
teta=1.0	.204	.213	.220	.227	.233	.237	.239	.240	.240	.237	.235	.232	.229	.226	.224	.221	.218	.215	.211	.208	.205	.198	.174
1.5	.305	.313	.320	.327	.333	.338	.343	.346	.348	.348	.348	.346	.343	.339	.334	.330	.325	.321	.316	.311	.306	.257	
2.0	.405	.412	.419	.426	.432	.437	.441	.445	.448	.449	.450	.450	.449	.446	.443	.438	.432	.425	.409	.375	.339	.262	
2.5	.504	.511	.517	.523	.528	.533	.538	.541	.544	.546	.547	.547	.547	.545	.542	.521	.490	.456	.421	.384	.345		
3.0	.601	.608	.614	.619	.624	.628	.632	.635	.638	.640	.641	.641	.626	.598	.567	.535	.501	.466	.428	.389			
3.5	.698	.704	.709	.714	.718	.722	.725	.728	.730	.726	.700	.672	.643	.612	.579	.545	.509	.472					
4.0	.784	.798	.803	.807	.811	.814	.817	.801	.775	.747	.718	.687	.655	.622	.588								
4.5	.788	.826	.863	.898	.902	.877	.850	.822	.793	.763	.731	.699											
5.0	.791	.830	.868	.905	.926	.898	.869	.839	.808	.776													
6.0	.796	.836	.876	.912	.927																		
7.0	.799	.841	.881	.913	.928																		
8.0	.802	.844	.885	.913																			
mief=	.807	.851	.889	.914	.928	.925	.888	.851	.814	.777	.739	.702	.665	.628	.590	.552	.513	.473	.433	.391	.348	.263	.177
tetaf=	13.1	13.3	14.2	9.4	7.1	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.5	4.3	4.1	4.0	3.8	3.6	3.5	3.2	2.8	2.2	1.5
w=2.0											Valores de mi												ni0= 2.93
teta=1.0	.225	.232	.239	.246	.251	.255	.258	.260	.260	.258	.256	.253	.251	.248	.245	.243	.240	.237	.234	.231	.228	.222	.215
1.5	.335	.343	.350	.356	.362	.367	.371	.374	.376	.378	.378	.377	.374	.371	.367	.363	.359	.355	.350	.346	.341	.332	.260
2.0	.445	.452	.458	.464	.470	.475	.479	.483	.486	.488	.489	.489	.489	.487	.485	.481	.476	.471	.465	.452	.418	.344	.264
2.5	.554	.560	.566	.572	.577	.581	.585	.589	.592	.594	.595	.596	.596	.595	.593	.591	.567	.535	.501	.465	.428	.349	
3.0	.661	.667	.673	.678	.682	.686	.690	.693	.696	.698	.699	.699	.699	.675	.646	.614	.581	.547	.510	.472	.433		
3.5	.768	.773	.778	.782	.786	.790	.793	.795	.798	.799	.780	.752	.723	.692	.660	.626	.591	.555	.517				
4.0	.871	.878	.882	.885	.889	.892	.894	.886	.858	.830	.800	.769	.737	.704	.670	.635							
4.5	.876	.914	.952	.987	.990	.965	.937	.908	.878	.847	.815	.783	.749										
5.0	.880	.919	.957	.995	%1.016	.987	.957	.926	.894	.861													
6.0	.885	.926	.966	%1.002	%1.017																		
7.0	.889	.930	.971	%1.003	%1.018																		
8.0	.891	.933	.975	%1.003																			
mief=	.897	.941	.979	%1.004	%1.018	%1.015	.977	.939	.901	.864	.826	.788	.751	.713	.674	.636	.597	.558	.518	.478	.435	.350	.264
tetaf=	13.1	13.3	14.2	9.4	7.1	5.8	5.6	5.5	5.3	5.1	4.9	4.8	4.6	4.4	4.3	4.1	3.9	3.8	3.6	3.5	3.2	2.6	2.0

TABELA 2a

ACO CA-50A delta=0.10 n'= 2 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=0.1 Valores de mi ni0= 1.10

teta=1.0	.015	.042	.060	.070	.072	.067	.061	.055	.048	.039	.027
1.5	.022	.051	.072	.087	.095	.095	.090	.080	.068	.054	.034
2.0	.029	.058	.082	.099	.109	.114	.111	.101	.085	.064	.036
2.5	.036	.065	.090	.108	.120	.126	.125	.115	.095	.069	
3.0	.042	.072	.097	.116	.129	.135	.134	.122	.101	.072	
3.5	.042	.079	.104	.123	.137	.143	.139	.126	.104		
4.0	.042	.080	.111	.130	.143	.148	.142	.129			
4.5	.042	.080	.112	.136	.148	.151	.145				
5.0	.042	.081	.113	.139	.153	.154					
6.0	.042	.082	.115	.141	.157						
7.0	.043	.082	.116	.143	.158						
8.0	.043	.083	.117	.143							
mief=	.043	.084	.119	.144	.158	.158	.147	.130	.106	.073	.037
tetaf=	12.5	13.8	14.2	9.4	7.1	5.8	4.9	4.3	3.8	3.2	2.2

w=0.2 Valores de mi ni0= 1.19

teta=1.0	.026	.050	.067	.077	.080	.076	.071	.065	.059	.052	.043	.031
1.5	.039	.064	.083	.097	.105	.108	.104	.095	.086	.074	.061	.036
2.0	.052	.077	.097	.113	.123	.129	.128	.122	.109	.093	.069	
2.5	.065	.089	.110	.126	.138	.145	.145	.140	.126	.101	.072	
3.0	.078	.102	.122	.139	.151	.158	.159	.151	.132	.106		
3.5	.082	.114	.134	.151	.162	.169	.168	.156	.136	.110		
4.0	.082	.118	.146	.162	.173	.179	.172	.159	.139			
4.5	.082	.119	.150	.172	.183	.184	.176	.162				
5.0	.083	.120	.151	.177	.191	.189	.180					
6.0	.083	.121	.153	.180	.197							
7.0	.083	.121	.155	.183	.198							
8.0	.083	.122	.156	.183								
mief=	.084	.124	.159	.184	.198	.196	.181	.162	.139	.110	.074	.038
tetaf=	13.0	14.0	14.2	9.4	7.1	5.8	5.1	4.5	4.0	3.6	2.9	1.9

w=0.3 Valores de mi ni0= 1.29

teta=1.0	.037	.058	.074	.084	.087	.085	.080	.075	.069	.063	.056	.047	.036
1.5	.055	.077	.094	.107	.116	.119	.117	.111	.102	.092	.081	.067	.038
2.0	.074	.095	.113	.127	.137	.143	.144	.141	.131	.118	.100	.072	
2.5	.091	.112	.130	.145	.156	.163	.165	.162	.154	.133	.106	.075	
3.0	.109	.129	.147	.162	.173	.180	.182	.179	.163	.139	.110		
3.5	.121	.146	.164	.178	.189	.195	.197	.185	.168	.143			
4.0	.121	.156	.180	.193	.203	.209	.203	.190	.171				
4.5	.122	.157	.188	.208	.217	.218	.209	.194					
5.0	.122	.158	.190	.216	.229	.224	.214						
6.0	.123	.159	.192	.220	.237								
7.0	.123	.160	.194	.223	.238								
8.0	.123	.161	.195	.223									
mief=	.124	.163	.199	.224	.238	.234	.216	.196	.173	.145	.112	.075	.038
tetaf=	13.3	14.2	14.2	9.4	7.1	5.9	5.3	4.7	4.2	3.8	3.4	2.6	1.6

w=0.4 Valores de mi ni0= 1.39

teta=1.0	.047	.066	.081	.091	.095	.094	.089	.085	.080	.074	.068	.061	.052	.037
1.5	.070	.089	.105	.118	.126	.130	.130	.125	.117	.109	.099	.088	.071	
2.0	.093	.112	.128	.142	.152	.158	.160	.158	.151	.140	.127	.105	.075	
2.5	.116	.134	.150	.164	.174	.181	.184	.183	.178	.165	.139	.110		
3.0	.138	.156	.172	.185	.195	.202	.205	.204	.193	.172	.145	.113		
3.5	.159	.177	.192	.205	.215	.221	.224	.216	.199	.176	.148			
4.0	.160	.194	.213	.224	.233	.239	.235	.222	.204					
4.5	.161	.195	.226	.243	.251	.252	.242	.227						
5.0	.161	.197	.228	.255	.268	.260	.248							
6.0	.162	.198	.231	.259	.277									
7.0	.163	.199	.233	.263	.278									
8.0	.163	.200	.234	.263										
mief=	.164	.203	.239	.264	.278	.273	.252	.230	.207	.180	.149	.114	.076	.039
tetaf=	13.6	14.4	14.2	9.4	7.1	5.9	5.4	4.9	4.4	4.0	3.6	3.1	2.4	1.4

TABELA 2b

ACO CA-50A delta=0.10 n'= 2 ni= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
 w=0.5                                                  Valores de mi                                                  ni0= 1.48
 teta=1.0 .057 .074 .088 .098 .102 .102 .098 .094 .089 .084 .079 .073 .066 .058 .038
      1.5 .085 .102 .117 .128 .137 .141 .142 .139 .132 .124 .116 .106 .096 .074
      2.0 .112 .129 .144 .156 .166 .172 .175 .175 .170 .162 .150 .136 .108 .076
      2.5 .139 .156 .170 .183 .192 .199 .203 .204 .200 .193 .172 .143 .112
      3.0 .166 .182 .196 .208 .217 .224 .228 .228 .223 .203 .178 .148
      3.5 .193 .208 .221 .232 .241 .247 .251 .246 .230 .209 .183 .152
      4.0 .199 .232 .245 .256 .264 .269 .268 .254 .236 .213
      4.5 .200 .234 .264 .278 .286 .287 .276 .260 .241
      5.0 .200 .235 .266 .294 .306 .297 .283
      6.0 .201 .237 .270 .299 .317
      7.0 .202 .239 .272 .303 .318
      8.0 .203 .240 .274 .303
    mief= .204 .243 .279 .304 .318 .312 .289 .266 .241 .214 .185 .152 .114 .077 .039
   tetaf= 13.8 14.4 14.2  9.4  7.1  6.0  5.5  5.0  4.6  4.2  3.8  3.5  2.9  2.1  1.2
 w=0.6                                                  Valores de mi                                                  ni0= 1.58
 teta=1.0 .066 .082 .095 .104 .110 .110 .107 .103 .099 .094 .089 .084 .078 .071 .063 .039
      1.5 .098 .114 .128 .139 .147 .152 .154 .152 .146 .139 .131 .123 .114 .104 .076
      2.0 .130 .146 .159 .171 .180 .187 .190 .191 .188 .181 .171 .160 .141 .111
      2.5 .162 .177 .190 .201 .211 .218 .222 .223 .221 .216 .204 .177 .147 .115
      3.0 .193 .207 .220 .231 .240 .246 .251 .252 .250 .234 .211 .183 .151
      3.5 .224 .237 .249 .259 .268 .274 .277 .278 .262 .241 .217 .187
      4.0 .237 .266 .278 .287 .294 .300 .301 .287 .269 .247
      4.5 .238 .272 .303 .314 .320 .323 .311 .294 .274
      5.0 .239 .274 .305 .333 .345 .334 .319 .301
      6.0 .240 .276 .309 .339 .357
      7.0 .241 .278 .311 .343 .358
      8.0 .242 .279 .313 .343
    mief= .244 .282 .319 .344 .358 .351 .326 .302 .276 .249 .220 .189 .153 .115 .078 .039
   tetaf= 13.9 14.5 14.2  9.4  7.1  6.0  5.5  5.1  4.7  4.3  4.0  3.7  3.3  2.6  1.9  1.1
 w=0.7                                                  Valores de mi                                                  ni0= 1.68
 teta=1.0 .075 .090 .102 .111 .117 .118 .116 .112 .108 .104 .099 .094 .089 .083 .077 .069
      1.5 .112 .126 .139 .150 .158 .163 .165 .164 .160 .154 .147 .139 .131 .122 .109 .077
      2.0 .148 .162 .175 .186 .195 .201 .205 .206 .205 .200 .192 .182 .171 .145 .114
      2.5 .184 .198 .210 .220 .229 .236 .240 .242 .242 .238 .231 .210 .181 .150
      3.0 .220 .232 .244 .254 .262 .269 .273 .275 .274 .266 .244 .217 .187 .154
      3.5 .254 .266 .277 .286 .294 .300 .304 .305 .293 .274 .250 .222 .191
      4.0 .276 .300 .310 .318 .325 .330 .333 .320 .302 .280 .255
      4.5 .277 .310 .341 .349 .355 .359 .346 .329 .308
      5.0 .278 .312 .344 .372 .384 .371 .355 .336
      6.0 .280 .315 .348 .378 .397 .390
      7.0 .281 .317 .351 .383 .398
      8.0 .282 .318 .353 .383
    mief= .284 .322 .359 .384 .398 .390 .364 .338 .312 .285 .256 .225 .191 .154 .116 .078 .039
   tetaf= 14.0 14.6 14.2  9.4  7.1  6.0  5.6  5.2  4.8  4.5  4.1  3.8  3.5  3.1  2.4  1.8  0.9
 w=0.8                                                  Valores de mi                                                  ni0= 1.77
 teta=1.0 .084 .098 .109 .118 .124 .126 .125 .121 .117 .113 .109 .104 .099 .094 .089 .082 .075
      1.5 .125 .139 .151 .161 .169 .174 .177 .177 .174 .168 .161 .154 .147 .139 .131 .112 .078
      2.0 .166 .179 .190 .201 .209 .216 .220 .222 .221 .218 .212 .203 .193 .178 .148 .115
      2.5 .206 .218 .229 .239 .248 .254 .259 .261 .262 .259 .254 .243 .215 .185 .153
      3.0 .245 .257 .268 .277 .285 .291 .295 .298 .298 .296 .276 .251 .222 .190
      3.5 .284 .295 .305 .314 .321 .326 .330 .332 .326 .306 .283 .257 .227
      4.0 .314 .332 .341 .349 .355 .360 .363 .354 .335 .314 .289
      4.5 .316 .349 .377 .384 .389 .393 .381 .364 .343 .319
      5.0 .317 .351 .383 .412 .422 .409 .392 .372
      6.0 .319 .354 .387 .418 .437 .429
      7.0 .320 .356 .390 .423 .438
      8.0 .321 .358 .393 .423
    mief= .323 .362 .399 .424 .438 .430 .403 .376 .348 .320 .291 .261 .228 .192 .155 .117 .078 .040
   tetaf= 14.1 14.6 14.2  9.4  7.1  6.0  5.6  5.3  4.9  4.6  4.3  4.0  3.7  3.4  2.9  2.3  1.6  0.8
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TABELA 2c

ACO CA-50A delta=0.10 n'= 2 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

=0.9 Valores de mi ni0= 1.87

teta=1.0 .093 .106 .117 .125 .131 .134 .133 .130 .126 .122 .118 .114 .110 .105 .100 .094 .088 .076
1.5 .138 .151 .162 .172 .179 .185 .188 .189 .187 .182 .176 .169 .163 .155 .148 .140 .114
2.0 .183 .195 .206 .216 .224 .230 .235 .237 .237 .235 .230 .223 .213 .204 .182 .151 .117
2.5 .227 .239 .249 .258 .266 .273 .277 .280 .281 .280 .276 .270 .249 .220 .188 .154
3.0 .271 .281 .291 .300 .308 .314 .318 .321 .321 .320 .308 .284 .257 .226 .192
3.5 .314 .324 .333 .341 .347 .353 .357 .359 .358 .339 .316 .291 .262 .230
4.0 .353 .365 .373 .380 .386 .391 .394 .388 .369 .347 .323 .296
4.5 .354 .388 .413 .419 .424 .428 .417 .399 .378 .354
5.0 .356 .390 .422 .451 .461 .447 .429 .408 .385
6.0 .358 .393 .426 .458 .477 .469
7.0 .359 .395 .430 .463 .478
8.0 .360 .397 .432 .463
mief= .363 .402 .439 .464 .478 .469 .441 .413 .385 .356 .327 .297 .265 .230 .193 .155 .117 .079 .040
tetaf= 14.2 14.7 14.2 9.4 7.1 6.0 5.7 5.3 5.0 4.7 4.4 4.1 3.8 3.6 3.2 2.7 2.1 1.5 0.7

w=1.0 Valores de mi ni0= 1.97

teta=1.0 .101 .113 .124 .132 .138 .141 .141 .138 .135 .131 .127 .124 .119 .115 .111 .106 .100 .095 .077
1.5 .151 .163 .173 .183 .190 .196 .199 .200 .199 .195 .190 .184 .178 .171 .164 .157 .147 .115
2.0 .200 .211 .221 .231 .238 .245 .249 .252 .253 .251 .248 .242 .234 .225 .215 .185 .153
2.5 .248 .259 .269 .277 .285 .291 .296 .299 .300 .300 .297 .292 .282 .254 .223 .191 .156
3.0 .296 .306 .315 .323 .330 .336 .340 .343 .344 .344 .340 .317 .291 .261 .229 .194
3.5 .343 .352 .360 .368 .374 .379 .383 .385 .386 .372 .350 .325 .297 .266
4.0 .389 .397 .405 .411 .417 .421 .424 .422 .403 .382 .357 .331
4.5 .393 .426 .448 .454 .458 .462 .453 .434 .413 .389
5.0 .395 .429 .461 .491 .499 .485 .466 .445 .421
6.0 .397 .432 .466 .498 .517 .508
7.0 .399 .435 .469 .503 .518
8.0 .400 .437 .472 .503
mief= .403 .442 .479 .504 .518 .509 .480 .451 .422 .393 .363 .333 .301 .268 .232 .194 .156 .117 .079 .040
tetaf= 14.3 14.7 14.2 9.4 7.1 6.0 5.7 5.4 5.1 4.8 4.5 4.2 4.0 3.7 3.5 3.0 2.5 2.0 1.4 0.7

w=1.1 Valores de mi ni0= 2.06

teta=1.0 .110 .121 .131 .140 .145 .149 .149 .147 .144 .140 .137 .133 .129 .125 .121 .116 .112 .107 .101 .078
1.5 .164 .175 .185 .194 .201 .206 .210 .212 .211 .208 .204 .198 .192 .186 .180 .173 .166 .150 .116
2.0 .217 .227 .237 .246 .253 .259 .264 .267 .268 .268 .265 .260 .253 .245 .236 .219 .188 .154
2.5 .269 .279 .288 .297 .304 .310 .315 .318 .320 .320 .318 .314 .309 .288 .258 .226 .193
3.0 .321 .330 .339 .346 .353 .359 .363 .366 .367 .368 .366 .350 .324 .296 .265 .231
3.5 .372 .380 .388 .395 .401 .406 .410 .412 .413 .405 .383 .359 .331 .302 .269
4.0 .421 .429 .436 .442 .448 .452 .455 .457 .438 .416 .392 .365 .337
4.5 .432 .465 .483 .489 .493 .497 .490 .470 .449 .425 .399
5.0 .434 .468 .500 .530 .538 .523 .503 .481 .457
6.0 .436 .472 .505 .538 .557 .547
7.0 .438 .474 .509 .543 .558
8.0 .439 .476 .512 .543
mief= .443 .482 .519 .544 .558 .549 .519 .489 .460 .430 .400 .369 .337 .304 .270 .233 .195 .156 .118 .079 .040
tetaf= 14.4 14.7 14.2 9.4 7.1 6.1 5.7 5.4 5.1 4.9 4.6 4.3 4.1 3.8 3.6 3.3 2.8 2.4 1.8 1.3 0.6

w=1.2 Valores de mi ni0= 2.16

teta=1.0 .118 .129 .139 .147 .152 .156 .157 .155 .152 .149 .146 .142 .139 .135 .131 .127 .122 .118 .113 .108 .079
1.5 .176 .187 .196 .205 .212 .217 .221 .223 .223 .221 .217 .212 .206 .201 .195 .188 .182 .175 .152 .117
2.0 .233 .243 .252 .261 .268 .274 .279 .282 .283 .283 .282 .278 .272 .265 .257 .248 .223 .190 .156
2.5 .290 .299 .308 .316 .323 .328 .333 .337 .339 .339 .338 .335 .331 .321 .293 .262 .229 .194
3.0 .345 .354 .362 .369 .376 .381 .385 .389 .390 .391 .390 .382 .358 .331 .300 .267 .233
3.5 .400 .408 .415 .422 .428 .432 .436 .439 .440 .438 .417 .393 .366 .337 .305 .271
4.0 .454 .461 .468 .473 .478 .482 .485 .487 .473 .451 .427 .400 .372
4.5 .471 .504 .519 .524 .528 .531 .527 .507 .484 .460 .434
5.0 .473 .507 .539 .570 .576 .562 .541 .518 .494
6.0 .476 .511 .545 .577 .597 .587
7.0 .478 .514 .549 .583 .598
8.0 .479 .516 .552 .583
mief= .483 .521 .559 .584 .598 .588 .558 .528 .498 .467 .437 .406 .374 .341 .307 .271 .234 .195 .157 .118 .079
tetaf= 14.4 14.8 14.2 9.4 7.1 6.1 5.8 5.5 5.2 4.9 4.7 4.4 4.2 4.0 3.7 3.5 3.1 2.7 2.2 1.7 1.2

TABELA 2d

ACO CA-50A delta=0.10 n'= 2 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=1.4 Valores de mi ni0= 2.35

teta=1.0	.135	.145	.154	.161	.167	.171	.172	.172	.169	.166	.163	.160	.157	.154	.150	.146	.143	.139	.135	.130	.126	.079
1.5	.201	.210	.219	.227	.234	.239	.243	.246	.247	.246	.243	.239	.234	.229	.224	.218	.213	.207	.200	.189	.155	
2.0	.266	.275	.283	.291	.298	.303	.308	.312	.314	.315	.314	.312	.308	.303	.296	.288	.281	.260	.228	.194		
2.5	.331	.339	.347	.354	.360	.366	.370	.374	.376	.378	.378	.376	.373	.369	.361	.332	.300	.267	.233			
3.0	.394	.402	.409	.416	.421	.426	.431	.434	.436	.437	.437	.436	.424	.399	.370	.340	.306	.272				
3.5	.457	.464	.470	.476	.481	.486	.489	.492	.494	.494	.484	.461	.435	.407	.377	.345	.311					
4.0	.518	.525	.530	.535	.540	.543	.546	.549	.543	.521	.497	.471	.443	.413								
4.5	.549	.582	.589	.593	.597	.600	.601	.580	.557	.532	.506	.478										
5.0	.551	.585	.618	.649	.654	.639	.617	.593	.568	.541												
6.0	.554	.590	.624	.657	.677	.666																
7.0	.557	.593	.628	.663	.678																	
8.0	.558	.595	.631	.663																		
mief=	.562	.601	.639	.664	.678	.668	.636	.605	.574	.543	.511	.479	.447	.415	.381	.347	.311	.273	.235	.196	.157	.079
tetaf=	14.5	14.8	14.2	9.4	7.1	6.1	5.8	5.6	5.3	5.1	4.8	4.6	4.4	4.2	3.9	3.7	3.6	3.2	2.8	2.4	2.0	1.0

w=1.6 Valores de mi ni0= 2.55

teta=1.0	.151	.160	.168	.176	.181	.185	.188	.188	.186	.183	.181	.178	.175	.172	.169	.165	.162	.159	.155	.151	.148	.139
1.5	.225	.234	.242	.249	.256	.261	.265	.268	.270	.270	.268	.265	.261	.256	.252	.247	.242	.237	.231	.226	.220	.157
2.0	.299	.307	.314	.321	.328	.333	.338	.341	.344	.345	.345	.344	.342	.338	.333	.327	.320	.313	.298	.266	.232	
2.5	.371	.379	.386	.392	.398	.403	.408	.411	.414	.416	.416	.416	.414	.412	.408	.400	.371	.339	.306	.271	.235	
3.0	.443	.449	.456	.462	.467	.472	.476	.479	.481	.483	.484	.483	.482	.466	.439	.410	.379	.346	.311			
3.5	.513	.519	.525	.530	.535	.539	.542	.545	.547	.548	.549	.529	.504	.477	.448	.417	.384	.350				
4.0	.582	.588	.593	.597	.601	.605	.607	.610	.611	.592	.567	.541	.514	.485	.454							
4.5	.626	.655	.659	.663	.666	.669	.672	.654	.630	.605	.578	.551	.521									
5.0	.629	.663	.697	.728	.731	.717	.693	.669	.643	.616												
6.0	.633	.669	.703	.737	.757	.745																
7.0	.636	.672	.708	.743	.758																	
8.0	.637	.674	.711	.743																		
mief=	.642	.681	.719	.744	.758	.748	.715	.683	.651	.619	.587	.554	.522	.489	.455	.421	.386	.350	.313	.274	.236	.158	.079
tetaf=	14.5	14.8	14.2	9.4	7.1	6.1	5.9	5.6	5.4	5.2	5.0	4.7	4.5	4.3	4.1	3.9	3.8	3.6	3.3	3.0	2.6	1.8	0.9

w=1.8 Valores de mi ni0= 2.74

teta=1.0	.167	.176	.183	.190	.196	.200	.202	.203	.203	.200	.198	.195	.192	.190	.187	.184	.181	.178	.174	.171	.168	.161	.153
1.5	.250	.258	.265	.272	.278	.283	.287	.290	.292	.293	.292	.291	.287	.283	.279	.274	.270	.265	.260	.255	.250	.229	.158
2.0	.331	.338	.345	.352	.358	.363	.367	.371	.374	.376	.376	.376	.375	.372	.369	.364	.358	.351	.345	.336	.304	.234	
2.5	.411	.418	.425	.431	.436	.441	.445	.449	.452	.454	.455	.455	.454	.453	.450	.446	.440	.410	.378	.344	.310		
3.0	.491	.497	.503	.508	.513	.517	.521	.524	.527	.529	.530	.530	.529	.528	.508	.480	.450	.418	.385	.350	.314		
3.5	.569	.574	.580	.584	.589	.593	.596	.598	.600	.602	.603	.599	.574	.547	.518	.489	.457	.424	.389				
4.0	.646	.651	.655	.659	.663	.666	.669	.671	.673	.664	.639	.613	.585	.556	.526	.495							
4.5	.705	.726	.729	.733	.736	.739	.741	.729	.704	.679	.652	.623	.594										
5.0	.708	.742	.775	.805	.808	.795	.770	.745	.718	.690	.662												
6.0	.712	.748	.783	.817	.837	.825																	
7.0	.715	.751	.787	.823	.838																		
8.0	.717	.754	.791	.823																			
mief=	.722	.761	.799	.824	.838	.827	.794	.761	.728	.696	.663	.630	.597	.564	.530	.496	.462	.426	.390	.352	.314	.236	.158
tetaf=	14.6	14.9	14.2	9.4	7.1	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.8	3.6	3.4	3.0	2.4	1.6

w=2.0 Valores de mi ni0= 2.93

teta=1.0	.183	.191	.198	.205	.210	.214	.217	.219	.219	.217	.215	.212	.210	.207	.204	.202	.199	.196	.193	.190	.187	.181	.174
1.5	.274	.281	.288	.294	.300	.305	.309	.312	.315	.316	.316	.315	.313	.309	.305	.301	.297	.293	.289	.284	.280	.270	.232
2.0	.363	.370	.376	.382	.388	.393	.397	.401	.404	.406	.407	.407	.407	.405	.403	.399	.394	.389	.383	.377	.371	.308	.236
2.5	.451	.458	.463	.469	.474	.479	.483	.486	.489	.491	.493	.494	.493	.493	.491	.488	.485	.479	.449	.417	.383	.313	
3.0	.538	.544	.549	.554	.559	.563	.567	.570	.572	.574	.576	.576	.576	.576	.574	.549	.520	.490	.458	.424	.389		
3.5	.624	.629	.634	.639	.643	.646	.649	.652	.654	.655	.656	.657	.644	.617	.589	.560	.529	.497	.464	.429			
4.0	.709	.713	.717	.721	.725	.728	.730	.732	.734	.735	.711	.685	.657	.629	.599	.568	.536						
4.5	.783	.796	.799	.803	.805	.808	.810	.805	.779	.753	.725	.697	.668	.637									
5.0	.786	.821	.855	.883	.885	.873	.848	.821	.794	.766	.737												
6.0	.791	.827	.862	.897	.917	.904																	
7.0	.794	.831	.867	.903	.918																		
8.0	.796	.834	.870	.903																			
mief=	.802	.841	.879	.904	.918	.907	.873	.840	.806	.773	.740	.706	.673	.639	.605	.571	.537	.502	.466	.430	.392	.315	.237
tetaf=	14.6	14.9	14.2	9.4	7.1	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.3	4.1	3.9	3.8	3.6	3.4	2.8	2.2

TABELA 3a

ACO CA-50A delta=0.15 n'= 2 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.1											Valores de mi												ni0= 1.10
teta=1.0	.013	.040	.059	.068	.070	.065	.060	.053	.046	.037	.025												
1.5	.019	.048	.070	.084	.092	.093	.087	.077	.066	.052	.032												
2.0	.025	.055	.078	.095	.106	.110	.107	.097	.081	.062	.035												
2.5	.032	.061	.085	.104	.116	.122	.120	.111	.093	.067													
3.0	.038	.067	.092	.111	.124	.130	.129	.119	.098	.070													
3.5	.039	.073	.098	.117	.130	.136	.135	.122	.101														
4.0	.039	.076	.104	.123	.136	.141	.138	.125															
4.5	.040	.077	.108	.128	.140	.145	.140																
5.0	.040	.078	.109	.133	.144	.148																	
6.0	.040	.078	.110	.135	.152																		
7.0	.040	.079	.111	.137	.153																		
8.0	.041	.079	.112	.138																			
mief=	.042	.081	.114	.139	.153	.151	.142	.126	.103	.071	.036												
tetaf=	13.5	15.0	13.3	9.4	7.1	5.8	5.0	4.3	3.8	3.3	2.2												
w=0.2											Valores de mi												ni0= 1.19
teta=1.0	.023	.047	.064	.073	.076	.073	.067	.062	.055	.048	.039	.028											
1.5	.034	.058	.078	.092	.100	.102	.099	.090	.080	.069	.055	.034											
2.0	.045	.069	.090	.106	.116	.121	.121	.114	.102	.086	.065												
2.5	.056	.080	.101	.117	.129	.136	.136	.131	.119	.096	.069												
3.0	.067	.091	.111	.128	.140	.147	.148	.143	.126	.101													
3.5	.076	.101	.122	.138	.150	.156	.157	.148	.130	.105													
4.0	.076	.111	.131	.147	.158	.164	.163	.151	.133														
4.5	.076	.111	.141	.156	.166	.172	.166	.154															
5.0	.077	.112	.142	.164	.174	.176	.169																
6.0	.077	.113	.144	.169	.186																		
7.0	.078	.114	.145	.171	.188																		
8.0	.078	.114	.146	.172																			
mief=	.079	.116	.148	.174	.188	.183	.171	.154	.133	.105	.071	.035											
tetaf=	14.2	15.5	12.7	9.4	7.1	6.0	5.2	4.6	4.1	3.6	3.0	1.9											
w=0.3											Valores de mi												ni0= 1.29
teta=1.0	.032	.053	.069	.078	.082	.080	.075	.070	.064	.058	.051	.042	.031										
1.5	.047	.069	.086	.099	.108	.111	.109	.102	.094	.084	.073	.060	.035										
2.0	.063	.084	.102	.116	.127	.132	.134	.130	.120	.107	.092	.067											
2.5	.078	.099	.117	.131	.143	.149	.152	.149	.140	.126	.099	.070											
3.0	.093	.113	.131	.146	.157	.164	.166	.163	.153	.132	.103												
3.5	.108	.127	.145	.159	.170	.176	.178	.174	.158	.135													
4.0	.112	.141	.158	.171	.181	.187	.189	.178	.161														
4.5	.112	.145	.171	.183	.192	.198	.194	.181															
5.0	.112	.146	.176	.195	.203	.206	.198																
6.0	.113	.148	.178	.203	.221	.215																	
7.0	.114	.148	.179	.205	.223																		
8.0	.114	.149	.180	.207																			
mief=	.115	.151	.182	.209	.223	.216	.200	.183	.162	.137	.106	.071	.035										
tetaf=	14.7	15.8	12.3	9.4	7.1	6.0	5.4	4.8	4.3	3.9	3.5	2.7	1.7										
w=0.4											Valores de mi												ni0= 1.39
teta=1.0	.040	.059	.074	.083	.088	.087	.082	.077	.072	.067	.060	.053	.045	.034									
1.5	.059	.078	.095	.107	.115	.119	.119	.114	.106	.098	.088	.077	.065										
2.0	.079	.097	.114	.127	.137	.143	.146	.144	.137	.126	.113	.097	.069										
2.5	.098	.116	.132	.146	.156	.163	.166	.165	.160	.150	.129	.102											
3.0	.117	.134	.150	.163	.173	.180	.183	.183	.178	.160	.135	.105											
3.5	.135	.152	.167	.180	.189	.196	.199	.198	.185	.164	.138												
4.0	.146	.169	.184	.196	.204	.210	.213	.205	.189	.167													
4.5	.147	.179	.200	.211	.219	.224	.221	.209															
5.0	.148	.180	.209	.225	.232	.236	.227																
6.0	.148	.182	.211	.237	.256	.248																	
7.0	.149	.183	.213	.239	.258																		
8.0	.149	.183	.214	.242																			
mief=	.151	.185	.217	.244	.258	.249	.231	.213	.192	.168	.140	.106	.071	.035									
tetaf=	15.1	15.4	12.0	9.4	7.1	6.1	5.5	5.0	4.5	4.1	3.7	3.2	2.5	1.5									

TABELA 3b

ACO CA-50A delta=0.15 n'= 2 ni= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=0.5
                                                Valores de mi
teta=1.0 .048 .065 .079 .088 .093 .093 .089 .085 .080 .075 .070 .064 .057 .049 .034                                  ni0= 1.48
     1.5 .071 .088 .103 .115 .123 .128 .129 .125 .118 .111 .102 .093 .082 .067
     2.0 .094 .111 .126 .138 .148 .154 .157 .157 .152 .143 .132 .119 .099 .070
     2.5 .117 .133 .148 .160 .170 .177 .181 .181 .177 .170 .159 .132 .103
     3.0 .139 .155 .169 .181 .190 .197 .201 .201 .198 .188 .165 .137
     3.5 .161 .176 .189 .201 .209 .216 .219 .219 .211 .193 .169 .141
     4.0 .181 .197 .209 .220 .228 .233 .236 .232 .216 .196
     4.5 .182 .213 .228 .238 .245 .250 .250 .237 .220
     5.0 .182 .214 .242 .255 .261 .266 .256 .242
     6.0 .183 .216 .245 .271 .291 .280
     7.0 .184 .217 .247 .274 .293
     8.0 .184 .218 .248 .276
  mief= .186 .220 .251 .279 .293 .282 .263 .243 .222 .198 .171 .141 .106 .071 .035
 tetaf= 15.4 14.7 11.8  9.4  7.1  6.2  5.6  5.1  4.7  4.3  3.9  3.6  3.0  2.2  1.3
w=0.6
                                                Valores de mi
teta=1.0 .055 .071 .084 .094 .099 .100 .096 .092 .088 .083 .078 .073 .067 .060 .052 .035                              ni0= 1.58
     1.5 .082 .098 .112 .123 .131 .136 .138 .136 .130 .123 .115 .107 .098 .088 .068
     2.0 .109 .124 .138 .149 .158 .165 .169 .169 .166 .160 .150 .138 .126 .101 .070
     2.5 .135 .150 .163 .174 .184 .190 .195 .196 .194 .189 .180 .163 .135 .105
     3.0 .161 .175 .187 .198 .207 .214 .218 .219 .218 .213 .194 .169 .139
     3.5 .186 .199 .211 .221 .230 .236 .239 .240 .238 .221 .199 .172
     4.0 .211 .223 .234 .243 .251 .256 .259 .259 .244 .225 .202
     4.5 .216 .246 .256 .265 .271 .276 .278 .266 .249
     5.0 .217 .248 .276 .285 .291 .295 .287 .272
     6.0 .218 .250 .279 .305 .326 .313
     7.0 .219 .251 .281 .309 .328
     8.0 .219 .252 .283 .311
  mief= .221 .254 .286 .314 .328 .316 .295 .274 .252 .228 .203 .174 .141 .106 .070 .035
 tetaf= 15.6 14.1 11.6  9.4  7.1  6.2  5.7  5.3  4.8  4.4  4.1  3.8  3.4  2.8  2.0  1.1
w=0.7
                                                Valores de mi
teta=1.0 .062 .077 .090 .099 .104 .106 .103 .099 .095 .091 .086 .081 .076 .070 .064 .057 .035                          ni0= 1.68
     1.5 .093 .107 .120 .131 .139 .144 .146 .145 .141 .135 .128 .120 .112 .103 .094 .069
     2.0 .123 .137 .150 .160 .169 .176 .180 .181 .179 .175 .167 .156 .146 .132 .103
     2.5 .152 .166 .178 .189 .197 .204 .209 .211 .210 .206 .200 .190 .166 .137 .105
     3.0 .182 .194 .206 .216 .224 .231 .235 .237 .236 .233 .222 .199 .171 .140
     3.5 .210 .222 .233 .242 .250 .256 .259 .261 .260 .249 .228 .203 .175
     4.0 .238 .249 .259 .267 .274 .279 .282 .284 .273 .254 .232
     4.5 .250 .275 .284 .292 .298 .302 .305 .295 .278 .258
     5.0 .251 .282 .309 .315 .320 .324 .317 .302
     6.0 .252 .284 .313 .340 .360 .347
     7.0 .253 .285 .315 .343 .363
     8.0 .254 .286 .317 .346
  mief= .256 .289 .321 .349 .363 .350 .328 .306 .283 .259 .233 .206 .175 .141 .106 .070 .035
 tetaf= 15.8 13.7 11.4  9.4  7.1  6.2  5.8  5.4  5.0  4.6  4.2  3.9  3.6  3.2  2.6  1.9  1.0
w=0.8
                                                Valores de mi
teta=1.0 .069 .083 .095 .104 .109 .112 .110 .106 .103 .099 .094 .090 .085 .080 .074 .068 .061                          ni0= 1.77
     1.5 .103 .117 .129 .139 .147 .152 .155 .155 .152 .146 .140 .133 .125 .118 .109 .100 .070
     2.0 .137 .150 .161 .172 .180 .187 .191 .193 .192 .189 .183 .174 .164 .153 .134 .104
     2.5 .170 .182 .193 .203 .211 .218 .223 .225 .225 .223 .218 .210 .196 .168 .138
     3.0 .202 .213 .224 .233 .241 .248 .252 .254 .254 .252 .248 .228 .203 .173 .141
     3.5 .233 .244 .254 .263 .270 .276 .279 .281 .281 .276 .257 .233 .207 .176
     4.0 .264 .274 .283 .291 .298 .302 .305 .307 .301 .283 .261 .237
     4.5 .284 .304 .312 .319 .324 .328 .331 .325 .308 .288
     5.0 .285 .315 .339 .345 .350 .353 .348 .332 .313
     6.0 .287 .318 .347 .374 .395 .380
     7.0 .288 .320 .350 .378 .398
     8.0 .288 .321 .352 .381
  mief= .290 .324 .355 .384 .398 .384 .361 .338 .314 .290 .264 .237 .208 .176 .141 .106 .070 .035
 tetaf= 15.7 13.4 11.3  9.4  7.1  6.3  5.8  5.5  5.1  4.7  4.4  4.1  3.8  3.5  3.0  2.4  1.7  0.9
```

TABELA 3c

ACO CA-50A delta=0.15 n'= 2 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40 ni0= 1.87

Valores de mi

.9

:a=1.0 .076 .089 .100 .109 .115 .117 .117 .113 .110 .106 .102 .098 .093 .089 .084 .078 .072 .066

1.5 .114 .126 .137 .147 .155 .160 .164 .164 .162 .157 .151 .145 .138 .131 .123 .115 .102 .070

2.0 .150 .162 .173 .183 .191 .198 .202 .204 .204 .202 .197 .190 .181 .171 .161 .136 .105

2.5 .186 .198 .208 .218 .226 .232 .237 .240 .240 .239 .235 .229 .221 .199 .170 .139

3.0 .222 .233 .242 .251 .259 .265 .269 .272 .272 .271 .268 .257 .233 .205 .174

3.5 .257 .267 .276 .284 .290 .296 .299 .302 .302 .301 .285 .263 .238 .209

4.0 .291 .300 .308 .315 .321 .325 .329 .331 .330 .312 .291 .267

4.5 .318 .332 .339 .345 .350 .354 .357 .355 .338 .318 .295

5.0 .319 .349 .370 .375 .379 .383 .380 .363 .344

6.0 .321 .352 .381 .409 .430 .414

7.0 .322 .354 .384 .413 .433

8.0 .323 .355 .386 .416

mief= .325 .358 .390 .419 .433 .419 .395 .370 .346 .321 .296 .269 .240 .210 .176 .141 .106 .070 .035

tetaf= 15.2 13.1 11.2 9.4 7.1 6.3 5.9 5.5 5.2 4.8 4.5 4.2 3.9 3.7 3.4 2.8 2.2 1.6 0.8 ni0= 1.97

Valores de mi

=1.0

teta=1.0 .083 .095 .106 .114 .120 .123 .123 .120 .117 .113 .109 .105 .101 .097 .092 .088 .082 .077 .069

1.5 .124 .135 .146 .155 .163 .168 .172 .173 .172 .168 .163 .157 .150 .144 .137 .129 .122 .103

2.0 .164 .175 .185 .194 .202 .209 .213 .216 .217 .215 .212 .206 .197 .188 .179 .167 .137 .105

2.5 .203 .214 .223 .232 .240 .246 .251 .254 .255 .255 .252 .247 .240 .230 .202 .172 .140

3.0 .242 .251 .261 .269 .276 .282 .286 .289 .290 .290 .288 .284 .263 .236 .207 .175

3.5 .279 .289 .297 .304 .311 .316 .320 .322 .323 .323 .314 .292 .268 .241 .210

4.0 .316 .325 .332 .339 .344 .349 .352 .354 .355 .341 .321 .297 .272

4.5 .352 .360 .367 .372 .377 .381 .383 .385 .368 .348 .326

5.0 .353 .383 .400 .405 .409 .412 .412 .394 .375

6.0 .355 .386 .416 .443 .465 .448

7.0 .356 .388 .419 .447 .468

8.0 .357 .390 .421 .451

mief= .360 .393 .425 .454 .468 .453 .428 .403 .378 .353 .327 .300 .272 .243 .211 .176 .141 .106 .070 .035

tetaf= 14.8 12.9 11.1 9.4 7.1 6.3 6.0 5.6 5.3 5.0 4.7 4.4 4.1 3.8 3.6 3.2 2.7 2.1 1.5 0.7 ni0= 2.06

Valores de mi

w=1.1

teta=1.0 .090 .101 .111 .120 .125 .129 .129 .127 .124 .120 .117 .113 .109 .105 .101 .096 .092 .087 .081 .069

1.5 .134 .145 .155 .164 .171 .177 .180 .182 .181 .179 .174 .168 .162 .156 .150 .143 .136 .128 .103

2.0 .177 .187 .197 .206 .213 .220 .224 .227 .228 .228 .225 .220 .213 .205 .197 .188 .169 .138

2.5 .219 .229 .238 .247 .254 .260 .265 .268 .270 .270 .268 .264 .259 .252 .233 .204 .173 .141

3.0 .261 .270 .279 .286 .293 .299 .303 .306 .308 .308 .306 .303 .292 .267 .239 .208 .176

3.5 .302 .310 .318 .325 .331 .336 .340 .342 .344 .344 .342 .322 .298 .272 .243

4.0 .342 .350 .357 .363 .368 .372 .375 .377 .378 .370 .350 .328 .303

4.5 .381 .388 .394 .399 .403 .407 .410 .411 .398 .378 .356

5.0 .387 .417 .430 .434 .438 .441 .444 .426 .406 .385

6.0 .389 .420 .450 .478 .500 .482

7.0 .391 .423 .453 .482 .503

8.0 .392 .424 .455 .485

mief= .395 .428 .460 .489 .503 .488 .462 .437 .411 .385 .359 .332 .304 .275 .244 .211 .176 .141 .105 .070 .035

tetaf= 14.5 12.6 11.0 9.4 7.1 6.3 6.0 5.7 5.4 5.1 4.8 4.5 4.2 4.0 3.7 3.5 3.0 2.5 2.0 1.4 0.7 ni0= 2.16

Valores de mi

w=1.2

teta=1.0 .096 .107 .117 .125 .131 .134 .135 .134 .131 .127 .124 .120 .117 .113 .109 .105 .101 .096 .091 .086 .070

1.5 .143 .154 .164 .172 .179 .185 .189 .191 .191 .189 .184 .179 .174 .168 .162 .156 .149 .142 .135 .104

2.0 .190 .200 .209 .217 .225 .231 .235 .238 .240 .240 .238 .234 .229 .221 .213 .205 .197 .170 .139

2.5 .235 .245 .253 .261 .268 .274 .279 .282 .284 .285 .284 .281 .277 .270 .263 .235 .205 .174

3.0 .280 .289 .297 .304 .311 .316 .320 .323 .325 .326 .325 .323 .319 .297 .270 .241 .209

3.5 .324 .332 .339 .346 .352 .356 .360 .363 .364 .364 .364 .351 .328 .303 .275 .245

4.0 .367 .374 .381 .386 .391 .395 .398 .400 .402 .400 .380 .358 .333 .307

4.5 .409 .415 .421 .426 .430 .433 .436 .438 .429 .409 .387 .363

5.0 .421 .451 .460 .464 .468 .471 .473 .458 .438 .416

6.0 .424 .455 .484 .512 .535 .516 .496

7.0 .425 .457 .488 .517 .538

8.0 .427 .459 .490 .520

mief= .429 .463 .494 .524 .538 .522 .496 .470 .444 .417 .391 .364 .336 .307 .277 .245 .211 .176 .141 .105 .070

tetaf= 14.1 12.5 10.9 9.4 7.1 6.3 6.0 5.7 5.4 5.1 4.9 4.6 4.3 4.1 3.9 3.6 3.3 2.9 2.4 1.9 1.3

TABELA 3d

ACO CA-50A delta=0.15 n'= 2 ni= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=1.4                                                  Valores de mi                                                   ni0= 2.35
 teta=1.0 .109 .119 .128 .136 .141 .145 .147 .147 .144 .141 .138 .135 .132 .128 .125 .121 .117 .113 .109 .105 .101 .070
      1.5 .163 .172 .181 .189 .196 .201 .205 .208 .209 .208 .205 .201 .196 .191 .186 .180 .175 .169 .162 .156 .137
      2.0 .215 .224 .233 .240 .247 .253 .257 .261 .263 .264 .263 .261 .257 .252 .245 .238 .230 .223 .203 .172 .140
      2.5 .267 .276 .283 .290 .297 .302 .307 .310 .313 .314 .314 .313 .310 .306 .300 .293 .269 .239 .208 .175
      3.0 .318 .326 .333 .340 .345 .350 .355 .358 .360 .361 .361 .360 .358 .355 .332 .305 .275 .244 .211
      3.5 .368 .375 .382 .387 .393 .397 .400 .403 .405 .406 .406 .405 .387 .363 .337 .309 .279
      4.0 .417 .423 .429 .434 .438 .442 .445 .447 .449 .449 .440 .418 .394 .369 .342
      4.5 .465 .470 .475 .479 .483 .486 .489 .490 .491 .471 .448 .425 .400
      5.0 .490 .516 .520 .524 .527 .529 .532 .522 .501 .479 .455
      6.0 .492 .523 .553 .582 .605 .584 .563
      7.0 .494 .526 .557 .587 .608
      8.0 .496 .528 .559 .590
   mief= .499 .532 .564 .594 .608 .592 .564 .537 .510 .483 .456 .428 .400 .372 .342 .312 .280 .246 .211 .176 .141 .070
  tetaf= 13.6 12.2 10.8  9.4  7.1  6.4  6.1  5.8  5.5  5.3  5.0  4.8  4.5  4.3  4.1  3.9  3.7  3.4  3.0  2.6  2.1  1.1
w=1.6                                                  Valores de mi                                                   ni0= 2.55
 teta=1.0 .122 .131 .139 .147 .152 .156 .159 .159 .157 .154 .152 .149 .146 .143 .140 .136 .133 .130 .126 .122 .119 .110
      1.5 .182 .190 .199 .206 .212 .218 .222 .225 .226 .226 .225 .222 .218 .213 .208 .203 .198 .193 .188 .182 .177 .139
      2.0 .241 .249 .256 .263 .270 .275 .280 .283 .286 .287 .287 .286 .284 .280 .275 .269 .262 .255 .248 .236 .206
      2.5 .299 .306 .313 .320 .326 .331 .335 .339 .342 .343 .344 .343 .342 .339 .335 .330 .324 .303 .273 .242 .210
      3.0 .356 .363 .369 .375 .380 .385 .389 .392 .395 .396 .397 .396 .395 .393 .390 .366 .339 .309 .278 .245
      3.5 .412 .418 .424 .429 .434 .438 .441 .444 .446 .447 .447 .447 .446 .424 .399 .372 .344 .313 .281
      4.0 .466 .472 .477 .481 .485 .489 .492 .494 .495 .496 .497 .479 .456 .431 .404 .377
      4.5 .520 .525 .529 .533 .536 .539 .541 .543 .544 .533 .511 .487 .462 .436
      5.0 .558 .576 .580 .583 .586 .588 .590 .587 .565 .543 .519
      6.0 .561 .592 .622 .651 .675 .653 .631
      7.0 .563 .595 .626 .657 .678
      8.0 .565 .597 .629 .660
   mief= .569 .602 .634 .664 .678 .661 .633 .605 .577 .549 .521 .493 .465 .436 .407 .377 .346 .315 .281 .246 .211 .140 .070
  tetaf= 13.2 11.9 10.7  9.4  7.1  6.4  6.1  5.9  5.6  5.4  5.2  4.9  4.7  4.5  4.3  4.1  3.9  3.7  3.5  3.2  2.8  1.9  1.0
w=1.8                                                  Valores de mi                                                   ni0= 2.74
 teta=1.0 .135 .143 .151 .157 .163 .167 .170 .171 .170 .168 .165 .162 .160 .157 .154 .151 .148 .145 .142 .139 .135 .128 .121
      1.5 .201 .209 .216 .223 .229 .234 .238 .241 .243 .244 .244 .242 .238 .234 .230 .226 .221 .216 .212 .207 .201 .191 .139
      2.0 .266 .273 .280 .287 .292 .298 .302 .306 .309 .310 .311 .311 .310 .307 .303 .298 .292 .286 .280 .273 .267 .208
      2.5 .330 .337 .343 .349 .355 .359 .364 .367 .370 .372 .373 .373 .373 .371 .368 .365 .360 .354 .337 .307 .276 .210
      3.0 .393 .399 .405 .410 .415 .420 .423 .427 .429 .431 .432 .432 .432 .430 .428 .425 .401 .373 .343 .312 .280
      3.5 .455 .460 .465 .470 .475 .478 .482 .484 .486 .488 .488 .489 .488 .484 .460 .434 .407 .378 .348 .316
      4.0 .515 .520 .525 .529 .533 .536 .538 .540 .542 .543 .544 .540 .517 .493 .467 .440 .411
      4.5 .575 .579 .583 .586 .589 .592 .594 .596 .597 .596 .574 .550 .525 .499
      5.0 .626 .636 .640 .642 .645 .647 .649 .651 .631 .607 .583 .558
      6.0 .630 .661 .691 .721 .745 .722 .699
      7.0 .632 .664 .696 .726 .748
      8.0 .634 .667 .699 .730
   mief= .638 .671 .703 .734 .748 .731 .702 .673 .645 .616 .588 .559 .530 .501 .472 .442 .412 .381 .349 .316 .281 .211 .140
  tetaf= 12.9 11.7 10.6  9.4  7.1  6.4  6.2  5.9  5.7  5.5  5.3  5.1  4.9  4.7  4.5  4.3  4.1  3.9  3.7  3.6  3.3  2.6  1.8
w=2.0                                                  Valores de mi                                                   ni0= 2.93
 teta=1.0 .147 .155 .162 .169 .174 .178 .181 .182 .182 .181 .178 .176 .173 .171 .168 .165 .163 .160 .157 .154 .151 .145 .138
      1.5 .219 .227 .234 .240 .246 .251 .255 .258 .260 .262 .262 .261 .259 .255 .251 .247 .243 .239 .234 .230 .225 .216 .205
      2.0 .291 .297 .304 .310 .315 .320 .325 .328 .331 .333 .335 .335 .334 .333 .330 .327 .322 .316 .310 .304 .299 .273 .209
      2.5 .361 .367 .373 .378 .384 .388 .392 .396 .399 .401 .402 .403 .403 .402 .400 .398 .394 .390 .385 .371 .341 .278
      3.0 .430 .435 .441 .446 .450 .454 .458 .461 .464 .466 .467 .468 .468 .467 .466 .463 .461 .435 .407 .378 .346 .281
      3.5 .497 .503 .507 .512 .516 .519 .522 .525 .527 .529 .530 .530 .530 .529 .521 .496 .470 .442 .413 .382 .350
      4.0 .564 .568 .573 .576 .580 .583 .585 .587 .589 .590 .591 .591 .579 .555 .530 .503 .475 .446
      4.5 .629 .633 .636 .640 .642 .645 .647 .649 .650 .651 .638 .614 .589 .563 .536
      5.0 .693 .696 .699 .702 .704 .706 .708 .709 .696 .672 .648 .623 .596
      6.0 .699 .730 .761 .791 .815 .791 .767 .742
      7.0 .702 .734 .765 .796 .818
      8.0 .704 .736 .768 .800
   mief= .708 .741 .773 .804 .818 .800 .771 .742 .713 .684 .655 .626 .596 .567 .538 .508 .478 .447 .416 .384 .351 .281 .211
  tetaf= 12.6 11.5 10.5  9.4  7.1  6.4  6.2  6.0  5.8  5.6  5.4  5.2  5.0  4.8  4.6  4.5  4.3  4.1  3.9  3.8  3.6  3.1  2.4
```

TABELA 4a

ACO CA-50A delta=0.05 n'= 10 ni= 8

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

Valores de mi ni0= 1.10

=0.1

teta=1.0 .013 .041 .059 .069 .070 .065 .060 .053 .046 .037 .025
1.5 .019 .048 .070 .084 .092 .093 .087 .077 .066 .052 .032
2.0 .026 .055 .078 .095 .106 .110 .108 .098 .082 .061 .035
2.5 .032 .062 .086 .104 .116 .122 .121 .111 .091 .066
3.0 .036 .068 .092 .111 .125 .131 .129 .117 .098 .070
3.5 .038 .072 .099 .118 .131 .137 .133 .122 .102
4.0 .040 .074 .103 .124 .137 .141 .137 .125
4.5 .041 .076 .106 .128 .141 .144 .140
5.0 .041 .078 .108 .130 .144 .147
6.0 .042 .080 .111 .133 .147
7.0 .043 .081 .113 .135 .148
8.0 .044 .082 .114 .136
mief= .045 .085 .116 .137 .148 .151 .142 .126 .103 .072 .036
tetaf= 12.0 13.2 12.4 9.0 7.1 5.8 5.0 4.3 3.8 3.3 2.2

Valores de mi ni0= 1.19

w=0.2

teta=1.0 .023 .047 .064 .074 .077 .073 .068 .062 .056 .048 .040 .028
1.5 .035 .059 .079 .092 .100 .103 .099 .091 .081 .070 .056 .034
2.0 .046 .070 .091 .106 .117 .122 .122 .115 .103 .086 .064
2.5 .057 .081 .102 .119 .130 .137 .138 .132 .117 .095 .069
3.0 .067 .092 .113 .130 .142 .148 .149 .141 .125 .101
3.5 .072 .101 .123 .140 .151 .158 .155 .146 .130 .106
4.0 .075 .106 .131 .149 .160 .164 .161 .150 .133
4.5 .077 .109 .136 .156 .167 .169 .165 .154
5.0 .079 .111 .139 .160 .173 .174 .168
6.0 .081 .115 .144 .165 .177
7.0 .083 .118 .147 .167 .179
8.0 .084 .120 .149 .169
mief= .087 .124 .151 .170 .179 .180 .170 .154 .134 .107 .072 .036
tetaf= 12.6 13.7 11.4 8.7 7.1 5.9 5.2 4.6 4.1 3.6 3.0 1.9

Valores de mi ni0= 1.29

w=0.3

teta=1.0 .032 .054 .069 .079 .083 .080 .076 .070 .065 .058 .051 .043 .030
1.5 .048 .070 .087 .100 .109 .112 .110 .103 .095 .085 .074 .059 .035
2.0 .064 .085 .103 .118 .128 .134 .135 .131 .122 .108 .089 .066
2.5 .080 .100 .118 .133 .144 .151 .153 .151 .140 .122 .098 .071
3.0 .095 .115 .133 .148 .159 .166 .168 .162 .150 .130 .104
3.5 .103 .129 .147 .161 .172 .179 .177 .170 .156 .136 .109
4.0 .107 .136 .159 .174 .184 .188 .184 .175 .160
4.5 .111 .140 .165 .184 .194 .195 .190 .180
5.0 .114 .144 .169 .190 .201 .201 .195
6.0 .118 .150 .176 .195 .207 .210
7.0 .121 .153 .181 .199 .210
8.0 .123 .156 .183 .201
mief= .128 .162 .186 .202 .210 .210 .198 .182 .163 .139 .109 .073 .036
tetaf= 13.0 14.2 10.7 8.5 7.1 6.0 5.4 4.8 4.3 3.9 3.5 2.7 1.7

Valores de mi ni0= 1.39

w=0.4

teta=1.0 .041 .060 .075 .084 .089 .088 .083 .078 .073 .068 .061 .054 .046 .032
1.5 .061 .080 .096 .108 .117 .121 .121 .116 .108 .099 .090 .079 .061
2.0 .081 .099 .116 .129 .139 .145 .147 .145 .139 .128 .113 .093 .068
2.5 .100 .118 .135 .148 .158 .165 .169 .168 .162 .147 .125 .101
3.0 .119 .137 .153 .166 .176 .183 .186 .183 .173 .157 .134 .107
3.5 .132 .155 .170 .183 .193 .199 .199 .193 .181 .163 .140
4.0 .139 .165 .187 .199 .208 .212 .208 .200 .187 .168
4.5 .144 .171 .194 .213 .221 .221 .216 .206 .192
5.0 .148 .176 .200 .219 .230 .229 .223
6.0 .153 .183 .209 .226 .237 .240
7.0 .158 .188 .214 .230 .240
8.0 .160 .192 .216 .233
mief= .168 .198 .220 .234 .240 .240 .228 .211 .192 .169 .142 .109 .073 .036
tetaf= 13.4 13.1 10.2 8.3 7.1 6.1 5.5 5.0 4.5 4.1 3.7 3.3 2.5 1.5

TABELA 4b

ACO CA-50A delta=0.05 n'= 10 ni= 8

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40

w=0.5 Valores de mi ni0= 1.48

teta=1.0	.049	.066	.080	.090	.094	.095	.091	.086	.081	.076	.071	.065	.058	.050	.033
1.5	.073	.090	.105	.117	.125	.130	.130	.127	.120	.112	.104	.095	.084	.064	
2.0	.096	.113	.128	.141	.150	.157	.160	.159	.154	.146	.134	.117	.096	.071	
2.5	.120	.136	.151	.163	.173	.180	.184	.184	.180	.170	.152	.129	.104		
3.0	.143	.158	.172	.184	.194	.201	.204	.204	.195	.182	.163	.138	.109		
3.5	.160	.180	.193	.205	.214	.220	.222	.216	.205	.190	.169	.144			
4.0	.169	.193	.214	.224	.232	.236	.233	.225	.213	.196					
4.5	.176	.201	.223	.241	.249	.247	.242	.233	.219						
5.0	.180	.207	.230	.249	.258	.257	.250	.239							
6.0	.188	.216	.241	.257	.267	.269									
7.0	.194	.223	.246	.262	.271										
8.0	.197	.228	.249	.265											
mief=	.207	.234	.253	.265	.271	.270	.259	.241	.221	.199	.174	.144	.109	.073	.036
tetaf=	13.7	12.1	9.8	8.2	7.0	6.2	5.6	5.1	4.7	4.3	3.9	3.6	3.0	2.3	1.3

w=0.6 Valores de mi ni0= 1.58

teta=1.0	.057	.073	.086	.095	.100	.101	.098	.094	.089	.085	.080	.074	.068	.062	.054	.035
1.5	.084	.100	.114	.125	.133	.138	.140	.138	.132	.125	.117	.109	.100	.087	.066	
2.0	.112	.127	.141	.152	.161	.168	.171	.172	.169	.163	.153	.140	.121	.099	.072	
2.5	.139	.153	.166	.178	.187	.194	.198	.200	.198	.192	.176	.156	.133	.106		
3.0	.165	.179	.192	.203	.212	.218	.222	.223	.217	.206	.189	.167	.141			
3.5	.188	.204	.216	.226	.235	.241	.244	.238	.229	.215	.197	.174				
4.0	.199	.221	.240	.249	.257	.261	.257	.250	.238	.223	.204					
4.5	.206	.231	.251	.269	.276	.274	.268	.259	.246							
5.0	.213	.238	.260	.279	.287	.286	.278	.267								
6.0	.222	.249	.273	.287	.297	.299										
7.0	.229	.257	.279	.293	.301											
8.0	.234	.262	.282	.296												
mief=	.244	.268	.286	.297	.302	.300	.290	.271	.250	.229	.205	.177	.146	.110	.073	.036
tetaf=	14.1	11.5	9.5	8.1	7.0	6.2	5.7	5.2	4.8	4.4	4.1	3.8	3.5	2.8	2.1	1.2

w=0.7 Valores de mi ni0= 1.68

teta=1.0	.064	.079	.091	.100	.106	.107	.105	.101	.097	.093	.088	.083	.078	.072	.066	.057	.036
1.5	.095	.110	.123	.133	.141	.147	.149	.148	.144	.137	.130	.123	.115	.106	.090	.068	
2.0	.126	.140	.153	.164	.173	.179	.183	.184	.183	.178	.170	.160	.145	.125	.101		
2.5	.157	.170	.182	.193	.202	.208	.213	.215	.214	.211	.199	.182	.160	.136	.108		
3.0	.187	.199	.211	.221	.229	.236	.240	.242	.239	.228	.214	.195	.171	.143			
3.5	.215	.228	.239	.248	.256	.261	.265	.261	.253	.240	.224	.203	.178				
4.0	.227	.249	.266	.274	.281	.285	.281	.275	.264	.250	.231						
4.5	.237	.260	.280	.297	.304	.300	.295	.285	.273	.257							
5.0	.245	.269	.290	.308	.316	.314	.306	.295									
6.0	.256	.282	.305	.318	.327	.328											
7.0	.264	.292	.311	.325	.332												
8.0	.270	.296	.315														
mief=	.281	.302	.318	.328	.332	.331	.321	.301	.280	.258	.235	.209	.180	.146	.110	.073	.036
tetaf=	13.5	11.0	9.3	8.0	7.0	6.3	5.7	5.3	5.0	4.6	4.3	4.0	3.7	3.3	2.6	1.9	1.0

w=0.8 Valores de mi ni0= 1.77

teta=1.0	.071	.085	.097	.106	.111	.114	.112	.108	.105	.100	.096	.092	.087	.082	.076	.070	.060
1.5	.106	.120	.132	.142	.150	.155	.158	.158	.155	.149	.143	.136	.128	.120	.112	.093	.070
2.0	.141	.154	.165	.176	.184	.191	.195	.197	.196	.193	.186	.177	.167	.149	.128	.104	
2.5	.174	.187	.198	.208	.216	.223	.228	.230	.230	.228	.221	.206	.186	.164	.138		
3.0	.208	.219	.230	.239	.247	.253	.258	.260	.260	.251	.238	.221	.199	.174	.146		
3.5	.240	.251	.261	.270	.277	.282	.286	.284	.276	.265	.250	.231	.208	.181			
4.0	.256	.276	.291	.299	.305	.310	.306	.299	.289	.276	.259	.239					
4.5	.267	.290	.308	.325	.331	.327	.322	.312	.300	.285							
5.0	.276	.299	.320	.337	.344	.343	.334	.323	.309								
6.0	.289	.315	.337	.348	.357	.359											
7.0	.299	.326	.343	.356	.363												
8.0	.306	.330	.348														
mief=	.316	.336	.351	.359	.363	.361	.352	.332	.311	.288	.265	.240	.213	.182	.147	.110	.073	.036
tetaf=	12.6	10.6	9.1	7.9	7.0	6.3	5.8	5.4	5.1	4.7	4.4	4.1	3.8	3.6	3.1	2.5	1.8	0.9

TABELA 4c

ACO CA-50A delta=0.05 n'= 10 ni= 8

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.9											Valores de mi												ni0= 1.87
teta=1.0	.078	.091	.103	.111	.117	.120	.119	.116	.112	.108	.104	.100	.095	.091	.086	.080	.074	.062					
1.5	.117	.129	.141	.150	.158	.164	.167	.167	.165	.161	.155	.148	.141	.134	.127	.115	.096	.072					
2.0	.155	.167	.178	.187	.196	.202	.206	.209	.209	.207	.202	.194	.185	.172	.153	.131	.106						
2.5	.192	.203	.214	.223	.231	.237	.242	.245	.246	.244	.241	.229	.212	.190	.167	.141							
3.0	.228	.239	.249	.258	.265	.271	.276	.278	.279	.272	.261	.246	.227	.203	.177								
3.5	.264	.274	.283	.291	.298	.303	.307	.307	.299	.289	.275	.258	.237	.213									
4.0	.284	.303	.317	.324	.330	.334	.331	.324	.314	.302	.286	.267											
4.5	.297	.318	.336	.353	.359	.354	.348	.339	.327	.313	.295												
5.0	.307	.330	.350	.366	.373	.372	.363	.352	.338														
6.0	.322	.347	.368	.378	.387	.388																	
7.0	.333	.359	.374	.387	.393																		
8.0	.342	.363	.380																				
mief=	.351	.370	.383	.391	.393	.391	.384	.363	.341	.319	.296	.271	.245	.215	.183	.147	.110	.073	.036				
tetaf=	12.0	10.2	8.9	7.9	7.0	6.4	5.8	5.5	5.2	4.8	4.5	4.3	4.0	3.7	3.4	2.9	2.3	1.6	0.8				
w=1.0											Valores de mi												ni0= 1.97
teta=1.0	.085	.098	.108	.117	.123	.126	.126	.123	.119	.116	.112	.108	.104	.099	.095	.090	.085	.079	.064				
1.5	.127	.139	.150	.159	.167	.172	.176	.177	.176	.172	.166	.160	.154	.147	.140	.133	.119	.098	.073				
2.0	.168	.180	.190	.199	.207	.213	.218	.221	.221	.220	.216	.210	.202	.193	.176	.157	.134	.108					
2.5	.209	.220	.229	.238	.246	.252	.257	.260	.261	.261	.258	.251	.235	.217	.195	.170	.144						
3.0	.249	.259	.268	.276	.283	.289	.293	.296	.297	.294	.284	.270	.253	.232	.207	.180							
3.5	.288	.297	.305	.313	.319	.324	.328	.330	.322	.313	.300	.284	.265	.242	.216								
4.0	.311	.331	.342	.349	.354	.358	.356	.349	.340	.327	.313	.295	.274										
4.5	.326	.347	.365	.381	.386	.381	.375	.366	.354	.340	.323												
5.0	.338	.360	.380	.396	.402	.401	.391	.380	.367														
6.0	.355	.380	.398	.409	.417	.418																	
7.0	.368	.391	.406	.418	.424																		
8.0	.377	.396	.412																				
mief=	.385	.403	.415	.422	.424	.422	.415	.394	.372	.349	.326	.302	.276	.248	.218	.184	.147	.110	.073	.036			
tetaf=	11.5	9.9	8.7	7.8	7.0	6.4	5.9	5.6	5.2	4.9	4.7	4.4	4.1	3.9	3.6	3.3	2.7	2.2	1.5	0.7			
w=1.1											Valores de mi												ni0= 2.06
teta=1.0	.092	.104	.114	.122	.128	.131	.132	.130	.126	.123	.119	.116	.112	.108	.104	.099	.094	.089	.084	.066			
1.5	.138	.149	.159	.168	.175	.181	.184	.186	.185	.183	.178	.172	.166	.160	.154	.147	.140	.122	.104				
2.0	.182	.193	.202	.211	.219	.225	.229	.232	.234	.233	.230	.226	.219	.210	.199	.181	.160	.136	.110				
2.5	.226	.236	.245	.253	.261	.267	.271	.275	.276	.276	.275	.271	.258	.242	.221	.198	.173	.146					
3.0	.269	.278	.287	.294	.301	.307	.311	.314	.316	.316	.306	.294	.278	.259	.236	.210	.182						
3.5	.311	.320	.327	.334	.340	.345	.349	.352	.345	.336	.324	.309	.292	.271	.247	.219							
4.0	.339	.358	.367	.373	.378	.383	.381	.374	.365	.353	.339	.322	.302										
4.5	.356	.376	.393	.409	.414	.409	.402	.393	.381	.368	.351												
5.0	.368	.390	.410	.425	.431	.430	.420	.408	.396	.379													
6.0	.388	.412	.429	.439	.447	.447																	
7.0	.402	.423	.438	.449	.454																		
8.0	.410	.429	.444																				
mief=	.419	.436	.447	.453	.455	.452	.446	.426	.403	.380	.357	.332	.307	.280	.251	.220	.184	.147	.110	.073	.035		
tetaf=	11.1	9.7	8.6	7.7	7.0	6.4	5.9	5.6	5.3	5.0	4.8	4.5	4.2	4.0	3.8	3.5	3.1	2.6	2.0	1.4	0.7		
w=1.2											Valores de mi												ni0= 2.16
teta=1.0	.099	.110	.120	.128	.134	.137	.138	.137	.133	.130	.127	.123	.120	.116	.112	.108	.104	.099	.094	.087	.067		
1.5	.148	.158	.168	.176	.184	.189	.193	.195	.195	.193	.189	.184	.178	.172	.166	.160	.154	.144	.125	.103			
2.0	.196	.206	.215	.223	.230	.236	.241	.244	.246	.246	.244	.240	.234	.227	.219	.204	.185	.163	.139				
2.5	.243	.252	.261	.269	.275	.281	.286	.289	.291	.292	.291	.288	.280	.265	.247	.225	.202	.176					
3.0	.289	.298	.306	.313	.319	.325	.329	.332	.334	.334	.328	.316	.302	.285	.264	.240	.214						
3.5	.334	.342	.349	.356	.362	.366	.370	.373	.369	.360	.349	.335	.318	.299	.276	.251							
4.0	.366	.385	.392	.398	.403	.407	.406	.399	.391	.379	.365	.350	.330	.309									
4.5	.385	.404	.421	.437	.442	.436	.429	.420	.408	.395	.379	.361											
5.0	.399	.420	.440	.454	.459	.459	.449	.437	.424	.408													
6.0	.421	.445	.460	.469	.477	.477																	
7.0	.437	.455	.469	.480	.485																		
8.0	.443	.462	.476																				
mief=	.453	.468	.479	.484	.485	.483	.476	.458	.435	.411	.387	.363	.338	.312	.284	.253	.221	.184	.147	.110	.073		
tetaf=	10.8	9.6	8.5	7.7	7.0	6.5	6.0	5.7	5.4	5.1	4.9	4.6	4.4	4.1	3.9	3.7	3.4	3.0	2.5	1.9	1.3		

TABELA 4d

ACO CA-50A delta=0.05 n'= 10 ni= 8

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=1.4											Valores de mi												ni0= 2.35
teta=1.0	.113	.123	.132	.139	.145	.149	.150	.150	.147	.144	.141	.138	.135	.132	.128	.124	.121	.117	.113	.108	.104	.070	
1.5	.168	.177	.186	.194	.201	.206	.210	.213	.214	.213	.210	.206	.201	.196	.191	.185	.180	.174	.168	.151	.131		
2.0	.222	.231	.239	.247	.254	.260	.264	.268	.270	.271	.270	.268	.264	.259	.252	.244	.231	.213	.192	.169	.144		
2.5	.276	.284	.292	.299	.305	.311	.315	.319	.321	.323	.323	.321	.318	.310	.295	.277	.255	.233	.208	.181			
3.0	.328	.336	.343	.350	.355	.361	.365	.368	.370	.371	.371	.361	.349	.334	.316	.297	.273	.247	.219				
3.5	.380	.387	.393	.399	.404	.409	.412	.415	.415	.407	.397	.385	.369	.352	.332	.310	.285	.257					
4.0	.421	.437	.442	.447	.452	.456	.457	.449	.441	.431	.417	.403	.386	.366	.345								
4.5	.443	.461	.477	.493	.497	.491	.483	.474	.463	.449	.435	.418	.398										
5.0	.459	.480	.499	.512	.517	.517	.507	.494	.481	.467	.449												
6.0	.486	.509	.521	.530	.537	.537	.536																
7.0	.504	.519	.532	.542	.546																		
8.0	.510	.527	.539																				
mief=	.520	.533	.541	.546	.546	.544	.537	.522	.498	.474	.449	.425	.400	.374	.348	.319	.289	.257	.221	.184	.147	.073	
tetaf=	10.2	9.2	8.3	7.6	7.0	6.5	6.1	5.7	5.5	5.3	5.0	4.8	4.6	4.3	4.1	3.9	3.7	3.5	3.1	2.7	2.2	1.1	
w=1.6											Valores de mi												ni0= 2.55
teta=1.0	.126	.135	.143	.150	.156	.160	.162	.163	.161	.158	.156	.153	.150	.147	.143	.140	.137	.134	.130	.126	.122	.114	
1.5	.188	.196	.204	.212	.218	.223	.227	.230	.232	.232	.231	.228	.223	.219	.214	.209	.204	.199	.193	.188	.176	.135	
2.0	.249	.257	.264	.271	.277	.283	.287	.291	.294	.295	.295	.294	.292	.288	.283	.276	.270	.258	.240	.221	.199		
2.5	.308	.316	.323	.329	.335	.341	.345	.349	.351	.353	.354	.353	.352	.349	.339	.324	.307	.286	.264	.239	.214		
3.0	.367	.374	.381	.387	.392	.397	.401	.404	.406	.408	.408	.405	.394	.382	.367	.348	.329	.305	.280	.253			
3.5	.425	.431	.437	.442	.447	.451	.455	.457	.459	.454	.444	.433	.420	.404	.387	.366	.344	.320	.292				
4.0	.475	.487	.492	.497	.501	.504	.507	.500	.491	.482	.469	.455	.440	.422	.401	.380							
4.5	.500	.517	.534	.549	.553	.546	.538	.529	.518	.504	.490	.475	.456	.436									
5.0	.520	.540	.558	.570	.575	.575	.565	.552	.539	.524	.508												
6.0	.551	.572	.582	.590	.597	.597	.595																
7.0	.568	.582	.595	.603	.607																		
8.0	.576	.592	.603																				
mief=	.586	.597	.604	.608	.607	.605	.598	.586	.562	.537	.512	.487	.462	.436	.410	.383	.355	.325	.293	.258	.221	.147	.072
tetaf=	9.9	9.0	8.2	7.5	7.0	6.5	6.2	5.8	5.6	5.4	5.2	4.9	4.7	4.5	4.3	4.1	3.9	3.8	3.6	3.3	2.9	2.0	1.0
w=1.8											Valores de mi												ni0= 2.74
teta=1.0	.139	.147	.155	.162	.167	.172	.174	.175	.174	.172	.169	.167	.164	.161	.158	.155	.152	.149	.146	.143	.140	.132	.119
1.5	.207	.215	.223	.229	.235	.241	.245	.248	.250	.251	.250	.248	.245	.241	.236	.232	.228	.223	.218	.213	.208	.183	.139
2.0	.274	.282	.289	.295	.301	.306	.311	.314	.317	.319	.320	.320	.318	.316	.312	.307	.301	.295	.285	.267	.249	.204	
2.5	.341	.348	.354	.360	.365	.370	.375	.378	.381	.383	.384	.384	.384	.382	.379	.369	.354	.337	.316	.294	.271	.218	
3.0	.406	.412	.418	.423	.428	.433	.437	.440	.442	.444	.445	.445	.439	.427	.414	.399	.380	.361	.338	.313	.287		
3.5	.470	.475	.481	.486	.490	.494	.497	.499	.502	.501	.491	.481	.470	.455	.438	.421	.400	.378	.354	.326			
4.0	.529	.538	.542	.546	.550	.553	.556	.551	.542	.532	.522	.508	.492	.476	.458	.437	.415						
4.5	.557	.574	.590	.605	.609	.601	.592	.583	.573	.559	.545	.530	.513	.493									
5.0	.580	.600	.617	.628	.632	.633	.624	.610	.597	.582	.567	.548											
6.0	.616	.633	.642	.651	.657	.656	.655																
7.0	.632	.645	.658	.665	.668																		
8.0	.641	.656	.665																				
mief=	.651	.661	.666	.670	.669	.666	.658	.650	.626	.601	.576	.550	.525	.499	.473	.446	.419	.390	.360	.329	.295	.221	.147
tetaf=	9.6	8.7	8.1	7.5	7.0	6.6	6.2	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	4.0	3.8	3.6	3.4	2.6	1.8
w=2.0											Valores de mi												ni0= 2.93
teta=1.0	.152	.160	.167	.173	.179	.183	.186	.187	.187	.186	.183	.181	.178	.176	.173	.170	.168	.165	.162	.159	.156	.150	.143
1.5	.227	.234	.241	.247	.253	.258	.262	.265	.268	.269	.269	.268	.266	.262	.258	.254	.250	.246	.242	.237	.233	.223	.189
2.0	.300	.307	.314	.320	.325	.330	.334	.338	.341	.343	.344	.345	.344	.342	.340	.336	.331	.326	.320	.311	.295	.256	.210
2.5	.373	.379	.385	.391	.396	.400	.404	.408	.411	.413	.414	.415	.415	.414	.412	.410	.398	.383	.367	.346	.325	.277	
3.0	.444	.450	.455	.460	.465	.469	.473	.476	.478	.480	.481	.482	.482	.472	.460	.447	.431	.412	.393	.370	.346	.292	
3.5	.514	.519	.524	.529	.533	.536	.539	.542	.544	.545	.539	.529	.518	.505	.489	.473	.455	.434	.411	.388	.361		
4.0	.583	.588	.592	.596	.599	.602	.604	.602	.593	.583	.573	.560	.545	.530	.513	.494	.472	.451					
4.5	.614	.630	.646	.661	.664	.656	.647	.638	.627	.615	.600	.585	.569	.551	.531								
5.0	.640	.660	.676	.686	.690	.692	.682	.669	.655	.640	.625	.607											
6.0	.680	.694	.703	.711	.717	.716	.715																
7.0	.696	.708	.720	.726	.730																		
8.0	.706	.720																					
mief=	.715	.724	.728	.732	.730	.727	.720	.711	.690	.665	.639	.614	.588	.562	.536	.509	.482	.455	.426	.396	.365	.295	.221
tetaf=	9.3	8.6	8.0	7.4	7.0	6.6	6.3	5.9	5.7	5.5	5.4	5.2	5.0	4.8	4.6	4.5	4.3	4.1	4.0	3.8	3.6	3.2	2.4

TABELA 5a

ACO CA-50A delta=0.10 n'= 10 ni= 8

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40

w=0.1 Valores de mi ni0= 1.10

teta=																							
1.0	.012	.039	.058	.067	.069	.064	.058	.052	.045	.036	.024												
1.5	.017	.046	.068	.083	.090	.091	.085	.075	.064	.050	.031												
2.0	.023	.052	.076	.093	.104	.108	.105	.095	.079	.059	.034												
2.5	.029	.058	.082	.101	.113	.119	.118	.108	.089	.065													
3.0	.034	.064	.088	.108	.121	.127	.126	.115	.096	.069													
3.5	.036	.069	.094	.113	.127	.133	.130	.119	.100														
4.0	.038	.072	.099	.119	.131	.137	.133	.122															
4.5	.039	.074	.102	.123	.136	.140	.136																
5.0	.040	.075	.104	.126	.139	.142	.138																
6.0	.041	.077	.107	.129	.143																		
7.0	.042	.079	.109	.131	.145																		
8.0	.042	.080	.110	.133																			
mief=	.044	.082	.113	.133	.145	.146	.138	.123	.101	.071	.035												
tetaf=	12.8	14.2	12.3	9.0	7.1	5.9	5.0	4.4	3.8	3.3	2.2												

w=0.2 Valores de mi ni0= 1.19

teta=																							
1.0	.021	.045	.061	.071	.074	.070	.065	.060	.053	.046	.037	.026											
1.5	.031	.055	.075	.088	.097	.099	.095	.087	.077	.066	.052	.032											
2.0	.041	.065	.086	.101	.112	.117	.117	.110	.098	.082	.061												
2.5	.051	.075	.096	.112	.124	.130	.131	.126	.113	.091	.066												
3.0	.061	.085	.105	.122	.134	.141	.141	.135	.120	.098	.070												
3.5	.066	.094	.114	.131	.142	.149	.149	.140	.125	.102													
4.0	.070	.099	.123	.139	.150	.156	.153	.144	.128														
4.5	.072	.103	.128	.146	.157	.160	.157	.147															
5.0	.074	.105	.131	.151	.163	.165	.160																
6.0	.077	.109	.136	.157	.169																		
7.0	.078	.112	.139	.160	.171																		
8.0	.080	.113	.141	.161																			
mief=	.083	.118	.145	.162	.172	.171	.162	.148	.129	.103	.070	.035											
tetaf=	13.6	14.8	11.2	8.7	7.1	6.0	5.2	4.6	4.1	3.7	3.0	2.0											

w=0.3 Valores de mi ni0= 1.29

teta=																							
1.0	.028	.050	.065	.075	.079	.077	.072	.067	.061	.055	.047	.039	.027										
1.5	.042	.064	.081	.095	.103	.106	.104	.098	.089	.079	.068	.055	.032										
2.0	.056	.077	.096	.110	.120	.126	.127	.123	.114	.101	.084	.062											
2.5	.070	.091	.109	.124	.135	.141	.144	.141	.133	.116	.093	.067											
3.0	.083	.104	.121	.136	.147	.154	.156	.154	.142	.124	.099												
3.5	.094	.116	.134	.148	.159	.165	.167	.160	.148	.129	.104												
4.0	.099	.125	.145	.159	.169	.175	.173	.166	.152														
4.5	.103	.130	.153	.169	.178	.182	.178	.170															
5.0	.106	.134	.158	.176	.187	.187	.183																
6.0	.110	.140	.165	.184	.195	.197																	
7.0	.113	.143	.169	.188	.198																		
8.0	.115	.146	.172	.190																			
mief=	.120	.153	.176	.191	.198	.197	.186	.172	.155	.132	.104	.069	.034										
tetaf=	14.2	13.9	10.5	8.4	7.1	6.1	5.4	4.9	4.3	3.9	3.5	2.8	1.8										

w=0.4 Valores de mi ni0= 1.39

teta=																							
1.0	.036	.055	.070	.079	.084	.083	.078	.073	.068	.062	.056	.049	.041	.029									
1.5	.053	.072	.088	.101	.109	.113	.113	.108	.100	.091	.082	.071	.056	.033									
2.0	.070	.089	.105	.119	.129	.135	.137	.135	.129	.117	.104	.086	.064										
2.5	.087	.106	.122	.135	.146	.153	.156	.155	.149	.138	.118	.095	.068										
3.0	.104	.122	.137	.151	.161	.168	.171	.170	.162	.147	.127	.101											
3.5	.120	.137	.152	.165	.175	.181	.184	.180	.170	.154	.132												
4.0	.127	.151	.167	.179	.188	.193	.193	.187	.175	.158													
4.5	.132	.157	.178	.192	.200	.203	.200	.192	.179														
5.0	.136	.162	.184	.201	.211	.210	.206	.197															
6.0	.142	.169	.192	.211	.221	.223																	
7.0	.146	.174	.198	.216	.225																		
8.0	.149	.178	.202	.218																			
mief=	.157	.186	.206	.219	.225	.224	.212	.197	.180	.159	.134	.104	.068	.034									
tetaf=	14.7	12.6	10.0	8.3	7.1	6.2	5.6	5.0	4.6	4.1	3.8	3.4	2.6	1.6									

TABELA 5b

ACO CA-50A delta=0.10 n'= 10 ni= 8

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=0.5

Valores de mi

ni0= 1.48

teta															
1.0	.042	.060	.074	.083	.088	.088	.084	.080	.075	.070	.064	.058	.051	.043	.030
1.5	.063	.080	.095	.107	.115	.120	.121	.117	.110	.103	.094	.085	.074	.058	
2.0	.084	.100	.115	.128	.137	.144	.147	.146	.142	.133	.121	.108	.088	.065	
2.5	.104	.120	.134	.147	.157	.164	.167	.168	.164	.157	.141	.120	.096		
3.0	.123	.139	.153	.165	.174	.181	.185	.185	.181	.169	.152	.129	.102		
3.5	.143	.157	.171	.182	.191	.197	.201	.199	.190	.177	.158	.135			
4.0	.153	.175	.188	.199	.207	.212	.213	.207	.197	.183					
4.5	.160	.183	.203	.214	.221	.225	.221	.214	.203						
5.0	.165	.189	.210	.226	.235	.234	.229	.220							
6.0	.173	.198	.220	.238	.246	.249									
7.0	.178	.205	.227	.243	.252										
8.0	.181	.209	.232	.246											

mief= .193 .217 .235 .247 .252 .251 .237 .222 .205 .186 .163 .136 .103 .068 .033

tetaf= 14.9 11.7 9.6 8.1 7.0 6.2 5.7 5.2 4.8 4.3 4.0 3.6 3.1 2.4 1.4

w=0.6

Valores de mi

ni0= 1.58

teta															
1.0	.049	.065	.078	.087	.092	.093	.090	.086	.082	.077	.072	.066	.060	.054	.046 .031
1.5	.073	.088	.102	.113	.122	.127	.128	.126	.121	.113	.106	.097	.088	.078	.060
2.0	.096	.111	.125	.137	.146	.152	.156	.156	.154	.147	.137	.126	.111	.090	.066
2.5	.119	.134	.147	.159	.168	.175	.179	.180	.178	.173	.163	.144	.122	.098	
3.0	.142	.156	.168	.179	.188	.195	.199	.200	.199	.189	.175	.155	.130		
3.5	.164	.177	.189	.199	.208	.214	.217	.218	.210	.199	.183	.162	.136		
4.0	.178	.198	.209	.218	.226	.231	.233	.228	.219	.206	.188				
4.5	.187	.208	.227	.236	.243	.247	.243	.236	.226	.211					
5.0	.193	.216	.235	.251	.259	.257	.252	.243							
6.0	.202	.227	.248	.265	.272	.275									
7.0	.209	.234	.256	.270	.279										
8.0	.214	.240	.261	.274											

mief= .226 .248 .264 .275 .279 .277 .264 .248 .231 .212 .190 .166 .137 .102 .068 .033

tetaf= 13.8 11.1 9.3 8.0 7.0 6.3 5.8 5.3 4.9 4.5 4.2 3.8 3.5 2.9 2.2 1.2

w=0.7

Valores de mi

ni0= 1.68

teta															
1.0	.055	.070	.082	.091	.097	.098	.096	.092	.088	.084	.079	.074	.069	.063	.057 .049 .032
1.5	.082	.096	.109	.120	.128	.133	.135	.134	.130	.124	.117	.109	.101	.092	.081 .061
2.0	.108	.122	.135	.146	.155	.161	.165	.166	.165	.160	.152	.142	.131	.113	.092 .067
2.5	.134	.147	.160	.170	.179	.186	.190	.192	.192	.188	.181	.167	.147	.124	.099
3.0	.159	.172	.184	.194	.202	.209	.213	.215	.214	.209	.196	.179	.158	.132	
3.5	.184	.196	.207	.216	.224	.230	.233	.235	.230	.220	.206	.187	.165		
4.0	.203	.219	.229	.238	.245	.250	.253	.248	.240	.228	.213	.193			
4.5	.213	.233	.251	.259	.264	.269	.265	.259	.248	.235					
5.0	.221	.242	.260	.276	.284	.281	.276	.267	.256						
6.0	.232	.255	.275	.291	.298	.301									
7.0	.239	.264	.285	.298	.306										
8.0	.245	.271	.290												

mief= .258 .278 .293 .302 .306 .304 .290 .274 .257 .237 .217 .194 .167 .137 .102 .067 .033

tetaf= 12.8 10.6 9.1 7.9 7.0 6.3 5.9 5.4 5.1 4.7 4.3 4.0 3.7 3.4 2.7 2.0 1.1

w=0.8

Valores de mi

ni0= 1.77

teta															
1.0	.061	.075	.087	.095	.101	.103	.102	.098	.094	.090	.086	.081	.077	.071	.066 .060 .053
1.5	.091	.104	.116	.126	.134	.140	.142	.142	.139	.134	.127	.120	.113	.105	.096 .083 .062
2.0	.120	.133	.145	.155	.163	.170	.174	.176	.175	.172	.166	.157	.147	.135	.116 .094
2.5	.149	.161	.172	.182	.190	.197	.202	.204	.204	.202	.197	.188	.170	.149	.126 .100
3.0	.177	.188	.199	.208	.216	.222	.227	.229	.229	.227	.216	.202	.183	.160	.134
3.5	.204	.215	.225	.233	.241	.246	.250	.252	.249	.240	.228	.212	.191	.167	
4.0	.227	.241	.250	.258	.264	.269	.272	.269	.261	.250	.237	.219			
4.5	.239	.258	.274	.281	.286	.290	.287	.281	.271	.259	.243				
5.0	.247	.269	.286	.301	.308	.305	.299	.291	.280						
6.0	.261	.283	.302	.318	.324	.327									
7.0	.270	.293	.314	.325	.332										
8.0	.276	.301	.318												

mief= .290 .308 .322 .330 .333 .330 .317 .300 .283 .264 .243 .221 .197 .169 .136 .101 .067 .032

tetaf= 12.0 10.2 8.9 7.9 7.0 6.4 5.9 5.5 5.2 4.8 4.5 4.2 3.9 3.6 3.2 2.6 1.9 1.0

TABELA 5c

ACO CA-50A delta=0.10 n'= 10 ni= 8

```
ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
                                                                                                                ni0= 1.87
                                                Valores de mi
).9
eta=1.0 .067 .080 .091 .100 .105 .108 .107 .104 .100 .096 .092 .088 .084 .079 .074 .069 .063 .054
   1.5 .099 .112 .123 .133 .141 .146 .149 .150 .148 .143 .137 .131 .124 .117 .109 .101 .086 .064
   2.0 .131 .143 .154 .164 .172 .179 .183 .185 .186 .183 .179 .171 .162 .152 .137 .118 .095
   2.5 .163 .174 .185 .194 .202 .208 .213 .216 .217 .215 .212 .206 .192 .173 .152 .128
   3.0 .193 .204 .214 .223 .230 .236 .241 .243 .244 .243 .236 .223 .206 .186 .162 .135
   3.5 .223 .233 .243 .251 .257 .263 .266 .269 .269 .260 .249 .234 .216 .195 .169
   4.0 .251 .262 .270 .277 .283 .288 .291 .289 .282 .272 .259 .243 .224
   4.5 .264 .282 .297 .303 .308 .312 .309 .303 .294 .282 .267
   5.0 .274 .294 .311 .326 .332 .329 .323 .314 .304
   6.0 .289 .311 .330 .344 .350 .353
   7.0 .300 .323 .342 .352 .359
   8.0 .307 .332 .347
 mief= .321 .337 .350 .357 .359 .357 .344 .327 .309 .290 .269 .248 .224 .199 .169 .135 .101 .066 .032
 tetaf= 11.5  9.9  8.7  7.8  7.0  6.4  6.0  5.6  5.3  5.0  4.6  4.3  4.1  3.8  3.5  3.0  2.4  1.7  0.9
                                                                                                                ni0= 1.97
                                                Valores de mi
=1.0
teta=1.0 .073 .085 .095 .104 .110 .113 .113 .110 .106 .103 .099 .095 .091 .087 .082 .077 .072 .066 .056
   1.5 .108 .120 .130 .140 .147 .153 .156 .157 .156 .152 .147 .141 .135 .128 .121 .114 .105 .087 .065
   2.0 .143 .154 .164 .173 .181 .187 .192 .195 .196 .194 .191 .185 .176 .167 .158 .140 .120 .097
   2.5 .177 .187 .197 .206 .213 .220 .224 .228 .229 .228 .226 .221 .213 .196 .176 .154 .130
   3.0 .210 .220 .229 .237 .244 .250 .255 .257 .259 .258 .255 .243 .229 .211 .189 .164
   3.5 .243 .252 .260 .268 .274 .279 .283 .285 .286 .280 .270 .257 .241 .221 .198
   4.0 .274 .283 .290 .297 .302 .307 .310 .310 .303 .294 .282 .267 .249
   4.5 .289 .307 .319 .325 .330 .333 .332 .325 .317 .305 .292
   5.0 .301 .320 .336 .350 .356 .353 .347 .338 .327 .315
   6.0 .318 .339 .357 .371 .376 .379 .371
   7.0 .330 .352 .370 .379 .386
   8.0 .338 .361 .375
 mief= .351 .366 .378 .385 .386 .383 .371 .353 .335 .316 .296 .274 .252 .227 .200 .169 .135 .100 .066 .032
 tetaf= 11.0  9.7  8.6  7.7  7.0  6.4  6.0  5.7  5.4  5.1  4.8  4.5  4.2  3.9  3.7  3.4  2.9  2.3  1.6  0.8
                                                                                                                ni0= 2.06
                                                Valores de mi
w=1.1
teta=1.0 .078 .090 .100 .108 .114 .117 .118 .115 .112 .109 .105 .101 .098 .094 .089 .085 .080 .075 .070 .057
   1,5 .116 .127 .138 .146 .154 .159 .163 .165 .164 .161 .156 .151 .145 .139 .132 .126 .118 .108 .089
   2.0 .154 .164 .174 .183 .190 .196 .201 .204 .205 .205 .202 .197 .190 .182 .173 .161 .143 .122 .098
   2.5 .190 .200 .209 .218 .225 .231 .236 .239 .241 .241 .239 .235 .230 .217 .199 .179 .156 .132
   3.0 .226 .236 .244 .252 .258 .264 .268 .271 .273 .273 .272 .263 .250 .234 .214 .191 .165
   3.5 .261 .270 .278 .285 .291 .296 .299 .302 .303 .300 .290 .279 .263 .246 .224 .200
   4.0 .296 .303 .310 .316 .322 .326 .329 .331 .324 .315 .304 .290 .273 .254
   4.5 .314 .331 .342 .347 .351 .355 .354 .347 .339 .328 .315 .299
   5.0 .327 .345 .361 .375 .380 .377 .370 .362 .351 .339
   6.0 .346 .366 .384 .397 .402 .405 .397
   7.0 .359 .381 .397 .406 .413
   8.0 .369 .390 .403
 mief= .381 .395 .406 .412 .413 .410 .399 .380 .362 .343 .322 .301 .279 .255 .230 .201 .169 .134 .100 .066 .031
 tetaf= 10.7  9.4  8.5  7.7  7.0  6.5  6.1  5.7  5.5  5.2  4.9  4.6  4.3  4.1  3.8  3.6  3.3  2.7  2.1  1.5  0.7
                                                                                                                ni0= 2.16
                                                Valores de mi
w=1.2
teta=1.0 .084 .095 .104 .112 .118 .122 .123 .121 .118 .115 .111 .108 .104 .100 .096 .092 .088 .083 .079 .073 .059
   1.5 .125 .135 .145 .153 .160 .166 .170 .172 .172 .170 .166 .160 .155 .149 .143 .137 .130 .123 .110 .091
   2.0 .165 .175 .184 .192 .199 .205 .210 .213 .215 .215 .213 .209 .203 .196 .188 .180 .164 .146 .124 .099
   2.5 .204 .213 .222 .230 .237 .243 .247 .251 .253 .253 .252 .249 .245 .237 .221 .202 .181 .158 .133
   3.0 .242 .251 .259 .266 .273 .278 .282 .286 .287 .288 .287 .283 .271 .256 .238 .217 .193 .167
   3.5 .280 .288 .295 .302 .307 .312 .316 .318 .320 .319 .310 .300 .286 .269 .250 .227 .202
   4.0 .317 .324 .330 .336 .341 .345 .348 .350 .345 .337 .326 .313 .298 .279
   4.5 .338 .355 .364 .369 .373 .377 .377 .370 .362 .351 .338 .324
   5.0 .353 .370 .386 .400 .405 .401 .394 .387 .376 .363
   6.0 .374 .393 .411 .424 .428 .431 .424
   7.0 .389 .410 .425 .434 .440
   8.0 .400 .419 .431
 mief= .411 .424 .433 .440 .440 .436 .426 .407 .389 .369 .349 .328 .306 .283 .258 .231 .202 .168 .134 .100 .065
 tetaf= 10.3  9.3  8.4  7.6  7.0  6.5  6.1  5.8  5.5  5.2  5.0  4.7  4.5  4.2  4.0  3.8  3.5  3.1  2.6  2.0  1.4
```

TABELA 5d

ACO CA-50A delta=0.10 n'= 10 ' ni= 8

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
  w=1.4
                                                   Valores de mi
   teta=1.0 .095 .105 .113 .121 .127 .131 .132 .132 .129 .126 .123 .120 .117 .113 .110 .106 .103 .099 .095 .090 .086 .061
                                                                                                                   ni0= 2.3
       1.5 .141 .150 .159 .167 .174 .179 .183 .186 .187 .186 .183 .179 .174 .169 .164 .158 .152 .147 .140 .132 .115
       2.0 .186 .195 .203 .211 .218 .223 .228 .231 .234 .234 .234 .232 .228 .222 .215 .208 .201 .188 .171 .150 .127
       2.5 .231 .239 .247 .254 .260 .266 .270 .274 .276 .277 .277 .276 .273 .269 .262 .246 .229 .208 .186 .162
       3.0 .274 .282 .289 .295 .301 .306 .310 .314 .316 .317 .317 .316 .310 .298 .283 .266 .246 .222 .197
       3.5 .317 .324 .330 .336 .341 .345 .349 .352 .353 .354 .350 .341 .329 .315 .298 .279 .257 .232
       4.0 .358 .364 .370 .375 .379 .383 .386 .388 .387 .379 .370 .358 .344 .328 .309 .289
       4.5 .387 .403 .409 .413 .417 .420 .422 .415 .407 .397 .385 .371 .356
       5.0 .405 .420 .435 .450 .453 .449 .442 .434 .424 .412 .399
       6.0 .430 .448 .466 .476 .480 .483 .477
       7.0 .447 .468 .480 .488 .493
       8.0 .461 .476 .487
    mief= .469 .481 .489 .494 .494 .490 .481 .462 .442 .423 .403 .381 .359 .337 .313 .289 .263 .234 .202 .167 .133 .065
   tetaf=  9.9  9.0  8.2  7.6  7.0  6.6  6.1  5.9  5.6  5.4  5.2  4.9  4.7  4.4  4.2  4.0  3.8  3.6  3.3  2.8  2.3  1.2
  w=1.6
                                                   Valores de mi
   teta=1.0 .105 .114 .123 .130 .135 .139 .142 .142 .140 .138 .135 .132 .129 .126 .123 .120 .116 .113 .109 .106 .102 .094 .063
                                                                                                                   ni0= 2.55
       1.5 .157 .165 .173 .181 .187 .192 .196 .199 .201 .201 .200 .197 .192 .188 .183 .178 .173 .168 .162 .157 .151 .119
       2.0 .207 .215 .223 .230 .236 .242 .246 .250 .252 .254 .254 .253 .250 .247 .242 .235 .228 .221 .211 .195 .175 .131
       2.5 .257 .264 .271 .278 .284 .289 .293 .297 .299 .301 .302 .301 .300 .297 .293 .287 .272 .255 .234 .214 .190
       3.0 .305 .312 .319 .324 .330 .335 .339 .342 .344 .346 .346 .346 .345 .337 .325 .311 .293 .274 .251 .227 .200
       3.5 .353 .359 .365 .370 .375 .379 .382 .385 .387 .388 .388 .381 .370 .359 .343 .327 .308 .286 .263
       4.0 .399 .405 .410 .414 .418 .422 .424 .426 .428 .421 .412 .402 .389 .374 .359 .339 .319
       4.5 .435 .449 .453 .457 .460 .463 .466 .460 .452 .443 .432 .418 .404 .388
       5.0 .455 .471 .485 .499 .502 .498 .491 .482 .473 .461 .447 .434
       6.0 .485 .503 .520 .529 .532 .535 .530
       7.0 .505 .524 .534 .542 .547
       8.0 .520 .532 .543
    mief= .527 .538 .544 .548 .547 .543 .537 .517 .497 .477 .456 .436 .414 .391 .368 .344 .320 .294 .266 .235 .201 .133 .065
   tetaf=  9.5  8.7  8.1  7.5  7.0  6.6  6.2  6.0  5.7  5.5  5.3  5.1  4.9  4.6  4.4  4.2  4.0  3.8  3.7  3.4  3.0  2.1  1.1
  w=1.8
                                                   Valores de mi
   teta=1.0 .116 .124 .132 .139 .144 .148 .151 .152 .151 .149 .146 .144 .141 .138 .135 .132 .129 .126 .123 .120 .116 .109 .102
                                                                                                                   ni0= 2.74
       1.5 .172 .180 .188 .194 .201 .206 .210 .213 .215 .216 .215 .213 .210 .206 .202 .197 .193 .188 .183 .178 .173 .159 .122
       2.0 .228 .235 .242 .249 .255 .260 .264 .268 .271 .273 .273 .273 .272 .269 .266 .261 .255 .248 .242 .235 .218 .180
       2.5 .283 .289 .296 .302 .307 .312 .316 .320 .323 .325 .326 .326 .325 .324 .321 .317 .312 .297 .280 .261 .240 .194
       3.0 .336 .342 .348 .354 .359 .363 .367 .370 .372 .374 .375 .375 .375 .374 .364 .352 .338 .320 .301 .280 .256
       3.5 .388 .394 .399 .404 .408 .412 .415 .418 .420 .421 .422 .421 .411 .400 .388 .372 .356 .337 .316 .293 .267
       4.0 .440 .445 .449 .453 .457 .460 .463 .465 .466 .464 .455 .445 .434 .420 .405 .389 .370 .349
       4.5 .483 .494 .498 .501 .504 .507 .509 .506 .497 .488 .478 .465 .452 .437 .420
       5.0 .505 .520 .535 .548 .550 .547 .539 .530 .521 .509 .496 .483 .468
       6.0 .539 .557 .574 .581 .584 .587 .584 .571
       7.0 .564 .579 .589 .596 .601
       8.0 .577 .588
    mief= .584 .593 .599 .602 .601 .596 .590 .572 .552 .531 .511 .490 .468 .445 .423 .399 .375 .351 .325 .297 .268 .200 .132
   tetaf=  9.2  8.6  8.0  7.5  7.0  6.6  6.3  6.0  5.8  5.6  5.4  5.2  5.0  4.8  4.6  4.4  4.2  4.1  3.9  3.7  3.5  2.8  1.9
  w=2.0
                                                   Valores de mi
   teta=1.0 .126 .134 .141 .148 .153 .157 .160 .161 .161 .160 .157 .155 .152 .150 .147 .144 .142 .139 .136 .133 .130 .124 .117
                                                                                                                   ni0= 2.93
       1.5 .188 .195 .202 .208 .214 .219 .223 .227 .229 .230 .230 .229 .227 .224 .220 .216 .211 .207 .203 .198 .194 .184 .164
       2.0 .249 .255 .262 .268 .273 .278 .283 .286 .289 .291 .292 .293 .292 .291 .288 .284 .280 .274 .268 .262 .257 .225 .185
       2.5 .308 .314 .320 .326 .331 .336 .340 .343 .346 .348 .350 .350 .350 .349 .348 .345 .342 .337 .322 .306 .287 .246 .198
       3.0 .367 .372 .378 .383 .387 .391 .395 .398 .401 .403 .404 .405 .404 .404 .402 .392 .379 .365 .348 .329 .308 .261
       3.5 .424 .429 .434 .438 .442 .446 .449 .451 .453 .455 .456 .456 .452 .441 .430 .417 .401 .385 .366 .345 .323
       4.0 .480 .484 .488 .492 .496 .499 .501 .503 .505 .506 .498 .488 .478 .465 .451 .436 .419 .400 .379
       4.5 .531 .538 .542 .545 .548 .550 .552 .551 .543 .534 .524 .512 .499 .484 .470 .451
       5.0 .556 .570 .585 .597 .599 .596 .588 .579 .569 .559 .545 .532 .518
       6.0 .594 .612 .627 .633 .636 .639 .638 .625
       7.0 .622 .635 .643 .650 .654
       8.0 .633 .644
    mief= .641 .648 .654 .656 .654 .650 .643 .627 .607 .586 .565 .544 .523 .500 .477 .454 .430 .406 .382 .356 .328 .268 .199
   tetaf=  9.0  8.4  7.9  7.4  7.0  6.7  6.3  6.1  5.9  5.7  5.5  5.3  5.1  5.0  4.8  4.6  4.4  4.2  4.1  3.9  3.8  3.3  2.6
```

TABELA 6a

ACO CA-50A delta=0.15 n'= 10 ni= 8

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

ni0= 1.10

Valores de mi

.1

ta=											
1.0	.011	.038	.056	.066	.068	.063	.057	.051	.044	.035	.023
1.5	.016	.045	.066	.081	.089	.089	.084	.074	.062	.048	.030
2.0	.021	.050	.073	.091	.101	.106	.103	.093	.077	.058	.033
2.5	.026	.055	.080	.098	.110	.116	.115	.105	.088	.063	
3.0	.031	.060	.085	.104	.117	.123	.122	.113	.094	.067	
3.5	.034	.065	.090	.109	.123	.129	.127	.117	.098		
4.0	.036	.069	.095	.114	.127	.133	.130	.119			
4.5	.037	.071	.099	.118	.130	.136	.133				
5.0	.038	.073	.101	.122	.134	.138	.134				
6.0	.039	.075	.104	.125	.139						
7.0	.040	.076	.106	.127	.141						
8.0	.041	.077	.107	.129							
mief=	.043	.080	.109	.130	.141	.141	.134	.121	.100	.069	.034
tetaf=	13.8	15.4	12.0	8.9	7.1	5.9	5.0	4.4	3.8	3.3	2.3

ni0= 1.19

Valores de mi

=0.2

teta=											
1.0	.018	.042	.059	.069	.072	.068	.063	.057	.051	.044	.035	.023
1.5	.027	.052	.071	.085	.093	.095	.092	.083	.074	.062	.049	.030
2.0	.036	.061	.081	.097	.107	.113	.112	.106	.093	.077	.058	.033
2.5	.045	.069	.090	.106	.118	.125	.125	.120	.108	.088	.063
3.0	.054	.078	.098	.115	.127	.134	.135	.129	.116	.094	.067
3.5	.062	.086	.106	.123	.134	.141	.142	.135	.120	.099
4.0	.065	.094	.114	.130	.141	.147	.147	.139	.124
4.5	.068	.097	.121	.136	.146	.152	.150	.141
5.0	.070	.100	.124	.142	.152	.156	.153
6.0	.073	.104	.129	.148	.161	.162
7.0	.075	.106	.132	.152	.164
8.0	.076	.108	.134	.154
mief=	.080	.112	.138	.155	.164	.162	.154	.142	.124	.100	.068	.033
tetaf=	14.8	14.4	10.9	8.6	7.1	6.1	5.3	4.7	4.1	3.7	3.1	2.0

ni0= 1.29

Valores de mi

w=0.3

teta=												
1.0	.025	.046	.062	.072	.075	.073	.068	.063	.057	.051	.044	.035	.024
1.5	.037	.059	.076	.089	.098	.101	.099	.093	.084	.074	.063	.050	.030
2.0	.049	.071	.089	.103	.113	.119	.120	.116	.107	.094	.079	.058
2.5	.061	.082	.100	.115	.126	.133	.135	.132	.124	.110	.088	.063
3.0	.073	.093	.111	.126	.137	.144	.146	.144	.135	.118	.094
3.5	.085	.104	.122	.136	.147	.153	.155	.152	.141	.123	.099
4.0	.091	.115	.132	.145	.155	.161	.163	.157	.145
4.5	.095	.121	.141	.154	.163	.168	.167	.160
5.0	.099	.125	.147	.162	.170	.174	.171
6.0	.103	.131	.153	.171	.183	.182
7.0	.106	.134	.157	.176	.186
8.0	.108	.137	.161	.179
mief=	.114	.142	.165	.180	.187	.184	.175	.163	.147	.126	.100	.066	.032
tetaf=	15.7	12.8	10.2	8.4	7.1	6.2	5.5	4.9	4.4	4.0	3.6	2.9	1.8

ni0= 1.39

Valores de mi

w=0.4

teta=													
1.0	.031	.050	.065	.075	.079	.078	.073	.069	.064	.058	.052	.045	.036	.026
1.5	.046	.065	.081	.094	.102	.106	.106	.101	.093	.085	.075	.064	.052	.030
2.0	.061	.080	.096	.110	.120	.126	.128	.126	.119	.108	.095	.080	.059
2.5	.076	.094	.110	.124	.134	.141	.144	.143	.138	.128	.111	.089	.064
3.0	.090	.108	.124	.137	.147	.154	.157	.156	.151	.139	.119	.095
3.5	.104	.121	.136	.149	.159	.165	.168	.167	.159	.145	.125
4.0	.115	.134	.149	.160	.169	.175	.178	.174	.164	.149
4.5	.121	.144	.160	.171	.179	.184	.185	.179	.168
5.0	.125	.149	.169	.181	.188	.193	.190	.183
6.0	.131	.156	.177	.193	.205	.203
7.0	.135	.161	.183	.200	.209
8.0	.138	.164	.187	.204
mief=	.145	.171	.191	.204	.210	.206	.196	.184	.169	.150	.128	.099	.065	.031
tetaf=	14.5	11.7	9.7	8.2	7.0	6.3	5.7	5.1	4.6	4.2	3.8	3.4	2.6	1.6

TABELA 6b

ACO CA-50A delta=0.15 n'= 10 ni= 8

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=0.5
                                                   Valores de mi
teta=1.0 .037 .054 .068 .077 .082 .082 .078 .074 .069 .064 .059 .053 .046 .038 .026                                  ni0= 1.48
     1.5 .055 .072 .087 .098 .107 .111 .112 .109 .102 .094 .086 .076 .066 .053
     2.0 .072 .089 .104 .116 .126 .132 .135 .135 .130 .121 .110 .097 .081 .059
     2.5 .089 .106 .120 .133 .142 .149 .153 .153 .150 .143 .131 .112 .089
     3.0 .106 .122 .136 .148 .157 .164 .168 .168 .165 .157 .142 .121 .095
     3.5 .123 .138 .151 .162 .171 .177 .181 .181 .176 .165 .148 .126
     4.0 .138 .153 .165 .176 .184 .189 .192 .190 .183 .170 .153
     4.5 .145 .166 .179 .188 .196 .200 .202 .197 .187
     5.0 .150 .172 .190 .200 .207 .211 .208 .202
     6.0 .158 .181 .200 .216 .227 .225
     7.0 .163 .187 .207 .224 .232
     8.0 .167 .191 .212 .228
  mief= .175 .199 .217 .228 .232 .229 .217 .205 .190 .173 .153 .128 .097 .064 .030
 tetaf= 13.2 11.0  9.4  8.0  7.0  6.3  5.8  5.3  4.8  4.4  4.0  3.7  3.2  2.4  1.5
w=0.6
                                                   Valores de mi
teta=1.0 .042 .058 .071 .080 .086 .086 .083 .079 .075 .070 .065 .060 .054 .047 .039 .027                                ni0= 1.58
     1.5 .062 .078 .092 .103 .111 .116 .118 .116 .110 .103 .095 .087 .078 .068 .054
     2.0 .082 .098 .111 .123 .132 .139 .142 .143 .140 .133 .123 .112 .100 .082 .060
     2.5 .102 .117 .130 .141 .151 .158 .162 .163 .161 .156 .147 .133 .113 .090
     3.0 .121 .135 .148 .159 .168 .174 .178 .180 .178 .174 .161 .144 .121 .095
     3.5 .140 .153 .165 .175 .184 .190 .193 .194 .193 .183 .169 .150 .127
     4.0 .158 .170 .182 .191 .198 .203 .207 .207 .200 .189 .175
     4.5 .168 .187 .197 .206 .212 .217 .219 .215 .206 .195
     5.0 .174 .194 .211 .219 .225 .229 .227 .221 .212
     6.0 .184 .205 .223 .238 .249 .246
     7.0 .190 .212 .232 .248 .255
     8.0 .194 .218 .238
  mief= .205 .226 .243 .252 .255 .251 .239 .226 .212 .196 .177 .154 .128 .096 .063 .030
 tetaf= 12.3 10.5  9.1  7.9  7.0  6.4  5.9  5.4  5.0  4.6  4.2  3.9  3.6  3.0  2.3  1.3
w=0.7
                                                   Valores de mi
teta=1.0 .047 .062 .074 .083 .089 .090 .088 .084 .080 .076 .071 .066 .061 .055 .049 .041 .028                          ni0= 1.68
     1.5 .070 .084 .097 .108 .116 .121 .123 .122 .118 .112 .105 .097 .089 .080 .071 .055
     2.0 .092 .106 .119 .130 .139 .145 .149 .150 .149 .144 .136 .126 .115 .103 .083 .061
     2.5 .114 .128 .140 .150 .159 .166 .170 .172 .172 .168 .161 .152 .134 .114 .091
     3.0 .135 .148 .160 .170 .178 .185 .189 .191 .190 .187 .179 .165 .145 .122
     3.5 .156 .168 .179 .188 .196 .202 .206 .207 .207 .200 .189 .173 .152 .128
     4.0 .176 .188 .198 .206 .213 .218 .221 .222 .217 .208 .195 .178
     4.5 .190 .206 .215 .223 .229 .233 .236 .232 .225 .214
     5.0 .198 .216 .232 .238 .244 .247 .246 .240 .231
     6.0 .209 .229 .246 .260 .271 .267
     7.0 .216 .237 .256 .271 .278
     8.0 .222 .244 .263
  mief= .233 .253 .268 .275 .278 .274 .261 .248 .233 .218 .200 .179 .156 .128 .095 .062 .029
 tetaf= 11.6 10.1  8.9  7.8  7.0  6.4  6.0  5.6  5.2  4.8  4.4  4.1  3.8  3.5  2.9  2.1  1.2
w=0.8
                                                   Valores de mi
teta=1.0 .052 .066 .077 .086 .092 .094 .093 .089 .085 .081 .077 .072 .067 .062 .057 .050 .044 .028                     ni0= 1.77
     1.5 .077 .091 .103 .113 .121 .126 .129 .129 .126 .120 .113 .106 .099 .091 .083 .074 .055
     2.0 .102 .115 .126 .137 .145 .152 .156 .158 .157 .154 .147 .138 .129 .118 .104 .084
     2.5 .126 .138 .149 .159 .168 .174 .179 .181 .181 .179 .174 .167 .155 .136 .115 .091
     3.0 .149 .161 .172 .181 .189 .195 .199 .202 .202 .200 .196 .184 .167 .147 .122
     3.5 .172 .183 .193 .202 .209 .214 .218 .220 .220 .217 .207 .193 .176 .154
     4.0 .194 .204 .213 .221 .227 .232 .235 .237 .235 .226 .215 .200
     4.5 .211 .225 .233 .240 .245 .249 .252 .250 .244 .234 .221
     5.0 .221 .238 .251 .257 .262 .266 .265 .259 .251
     6.0 .234 .252 .269 .282 .293 .289 .283
     7.0 .242 .262 .280 .295 .301
     8.0 .248 .270 .289
  mief= .260 .279 .292 .299 .301 .297 .284 .270 .255 .239 .222 .203 .181 .156 .126 .093 .061 .029
 tetaf= 11.1  9.8  8.7  7.8  7.0  6.5  6.1  5.7  5.3  4.9  4.6  4.3  4.0  3.7  3.3  2.7  2.0  1.1
```

TABELA 6c

ACO CA-50A delta=0.15 n'= 10 ni= 8

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

ni0= 1.87

Valores de mi

0.9

eta=1.0 .057 .070 .081 .089 .095 .098 .097 .094 .090 .086 .082 .078 .074 .069 .064 .058 .052 .046

1.5 .084 .097 .108 .118 .125 .131 .134 .135 .133 .128 .122 .115 .109 .101 .094 .086 .075 .056

2.0 .111 .123 .134 .144 .152 .158 .163 .165 .165 .163 .158 .151 .141 .132 .122 .106 .086

2.5 .137 .149 .159 .168 .176 .183 .187 .190 .191 .190 .186 .180 .172 .156 .137 .116 .092

3.0 .163 .173 .183 .192 .199 .205 .210 .212 .213 .212 .209 .202 .188 .169 .148 .123

3.5 .188 .198 .207 .215 .221 .227 .230 .233 .233 .232 .224 .213 .197 .178 .155

4.0 .212 .221 .229 .236 .242 .247 .250 .252 .252 .244 .234 .220 .204

4.5 .233 .243 .250 .257 .262 .266 .268 .268 .262 .253 .241

5.0 .243 .259 .271 .276 .281 .284 .284 .279 .271 .260

6.0 .258 .275 .292 .305 .315 .311 .305

7.0 .267 .287 .304 .318 .324

8.0 .275 .296 .314

mief= .288 .306 .316 .322 .324 .320 .306 .292 .277 .261 .245 .226 .205 .182 .156 .125 .092 .060 .028

tetaf= 10.7 9.6 8.6 7.7 7.0 6.5 6.1 5.7 5.4 5.1 4.7 4.4 4.1 3.9 3.6 3.2 2.5 1.8 1.0

ni0= 1.97

Valores de mi

=1.0

teta=1.0 .061 .073 .084 .092 .098 .101 .101 .098 .095 .091 .087 .084 .079 .075 .071 .066 .060 .055 .048

1.5 .091 .103 .113 .123 .130 .136 .139 .140 .139 .135 .130 .124 .117 .111 .104 .097 .089 .077 .057

2.0 .120 .131 .141 .151 .158 .165 .169 .172 .173 .171 .168 .162 .154 .145 .136 .125 .107 .086

2.5 .148 .159 .169 .177 .185 .191 .196 .199 .200 .200 .197 .192 .186 .176 .158 .139 .117

3.0 .176 .186 .195 .203 .210 .216 .220 .223 .224 .224 .222 .218 .206 .191 .171 .148 .124

3.5 .203 .212 .220 .228 .234 .239 .243 .245 .246 .246 .241 .231 .217 .200 .180 .156

4.0 .229 .237 .245 .251 .257 .261 .264 .266 .267 .261 .252 .240 .225 .207

4.5 .254 .261 .268 .274 .278 .282 .285 .286 .280 .272 .261 .248

5.0 .264 .280 .290 .295 .299 .302 .304 .298 .291 .280

6.0 .281 .299 .314 .327 .337 .332 .326

7.0 .292 .312 .328 .341 .347

8.0 .302 .321 .338

mief= .315 .331 .340 .346 .347 .343 .329 .314 .299 .283 .267 .249 .229 .207 .184 .156 .124 .092 .060 .028

tetaf= 10.4 9.4 8.4 7.7 7.0 6.5 6.2 5.8 5.5 5.2 4.9 4.6 4.3 4.0 3.8 3.5 3.0 2.4 1.7 0.9

ni0= 2.06

Valores de mi

w=1.1

teta=1.0 .066 .077 .087 .095 .101 .105 .105 .103 .100 .096 .093 .089 .085 .081 .077 .072 .068 .063 .057 .049

1.5 .097 .109 .119 .128 .135 .140 .144 .146 .145 .142 .137 .132 .126 .120 .114 .107 .100 .092 .078 .058

2.0 .129 .139 .149 .158 .165 .171 .176 .179 .180 .179 .177 .172 .165 .157 .148 .140 .127 .108 .087

2.5 .159 .169 .178 .186 .194 .200 .204 .208 .209 .209 .208 .204 .199 .191 .178 .160 .140 .118

3.0 .189 .198 .206 .214 .221 .226 .231 .234 .235 .235 .234 .231 .224 .210 .193 .173 .150

3.5 .217 .226 .234 .241 .247 .252 .255 .258 .259 .259 .258 .248 .236 .221 .203 .182

4.0 .245 .253 .260 .266 .271 .276 .279 .281 .282 .279 .270 .259 .246 .229

4.5 .272 .279 .285 .291 .295 .298 .301 .303 .298 .291 .280 .268

5.0 .286 .301 .309 .314 .318 .321 .323 .317 .310 .300

6.0 .304 .322 .336 .349 .359 .354 .348

7.0 .317 .336 .352 .365 .370

8.0 .328 .347 .363

mief= .341 .356 .364 .369 .370 .367 .352 .337 .321 .305 .289 .271 .252 .231 .209 .184 .156 .123 .091 .059 .028

tetaf= 10.1 9.2 8.3 7.6 7.0 6.5 6.2 5.9 5.6 5.3 5.0 4.7 4.4 4.2 3.9 3.7 3.4 2.9 2.3 1.6 0.8

ni0= 2.16

Valores de mi

w=1.2

teta=1.0 .070 .081 .091 .099 .104 .108 .109 .107 .104 .101 .098 .094 .090 .087 .083 .079 .074 .070 .065 .060 .050

1.5 .104 .114 .124 .133 .140 .145 .149 .151 .151 .149 .145 .140 .134 .129 .123 .116 .110 .103 .096 .079

2.0 .137 .147 .156 .165 .172 .178 .183 .186 .187 .187 .186 .182 .176 .169 .161 .152 .144 .128 .110 .088

2.5 .170 .179 .188 .196 .202 .208 .213 .216 .218 .219 .218 .215 .211 .205 .197 .180 .162 .142 .119

3.0 .201 .210 .218 .225 .232 .237 .241 .244 .246 .247 .246 .244 .240 .228 .214 .195 .174 .151

3.5 .232 .240 .247 .254 .260 .264 .268 .270 .272 .272 .272 .265 .255 .241 .225 .205 .183

4.0 .262 .269 .276 .281 .286 .290 .293 .295 .297 .296 .288 .278 .265 .251 .233

4.5 .291 .297 .303 .307 .312 .315 .318 .319 .317 .309 .300 .288 .274

5.0 .307 .322 .329 .333 .336 .339 .341 .336 .329 .320 .309

6.0 .328 .345 .359 .371 .381 .376 .369

7.0 .342 .361 .376 .388 .392

8.0 .353 .372 .387

mief= .367 .381 .388 .392 .393 .390 .375 .360 .344 .327 .311 .294 .275 .255 .234 .210 .185 .154 .122 .090 .059

tetaf= 9.9 9.0 8.2 7.6 7.0 6.5 6.2 5.9 5.7 5.4 5.1 4.8 4.6 4.3 4.1 3.8 3.6 3.3 2.7 2.2 1.5

TABELA 6d

ACO CA-50A delta=0.15 n'= 10 ni= 8

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=1.4 Valores de mi ni0= 2.35

teta=1.0	.079	.089	.097	.105	.111	.115	.116	.116	.113	.110	.107	.104	.101	.097	.094	.090	.087	.083	.079	.074	.070	.052
1.5	.117	.126	.135	.143	.150	.155	.159	.162	.163	.162	.159	.155	.150	.145	.140	.134	.129	.123	.116	.110	.099	
2.0	.154	.163	.171	.179	.186	.191	.196	.200	.202	.203	.202	.200	.196	.191	.184	.176	.169	.161	.149	.132	.112	
2.5	.191	.199	.207	.214	.220	.226	.230	.234	.236	.237	.237	.236	.233	.229	.224	.217	.202	.185	.165	.144		
3.0	.226	.234	.241	.247	.253	.258	.262	.266	.268	.269	.269	.268	.266	.262	.251	.237	.219	.199	.176	.152		
3.5	.261	.268	.274	.280	.285	.290	.293	.296	.297	.298	.298	.297	.290	.279	.265	.249	.230	.209				
4.0	.294	.300	.306	.311	.316	.319	.322	.324	.326	.327	.323	.314	.304	.291	.276	.258						
4.5	.327	.332	.337	.341	.345	.348	.350	.352	.353	.346	.337	.327	.314	.301								
5.0	.350	.362	.367	.370	.373	.376	.378	.375	.368	.360	.350	.338										
6.0	.374	.390	.403	.416	.426	.420	.412	.404														
7.0	.392	.409	.424	.434	.438																	
8.0	.404	.423	.436																			
mief=	.419	.429	.436	.438	.438	.436	.422	.405	.389	.372	.356	.338	.321	.302	.281	.260	.237	.212	.185	.152	.120	.058
tetaf=	9.5	8.7	8.1	7.5	7.0	6.6	6.3	6.0	5.8	5.5	5.3	5.0	4.8	4.6	4.3	4.1	3.9	3.7	3.5	3.0	2.5	1.3

w=1.6 Valores de mi ni0= 2.55

teta=1.0	.087	.096	.104	.111	.117	.121	.123	.124	.122	.119	.117	.114	.111	.108	.105	.101	.098	.095	.091	.087	.083	.075	.054
1.5	.129	.138	.146	.153	.160	.165	.169	.172	.174	.174	.172	.169	.165	.160	.156	.151	.146	.140	.135	.130	.124	.103
2.0	.171	.179	.186	.193	.200	.205	.210	.213	.216	.217	.217	.216	.214	.210	.205	.199	.192	.185	.178	.169	.153	.114
2.5	.211	.219	.226	.232	.238	.243	.248	.251	.254	.256	.256	.256	.254	.252	.248	.243	.236	.223	.207	.188	.168	
3.0	.250	.257	.264	.270	.275	.280	.284	.287	.289	.291	.291	.291	.290	.288	.285	.273	.259	.242	.224	.202	.179	
3.5	.289	.295	.301	.306	.311	.315	.318	.321	.323	.324	.325	.324	.323	.314	.303	.289	.273	.255	.235	.212		
4.0	.326	.332	.337	.341	.345	.349	.351	.354	.355	.356	.356	.350	.340	.329	.316	.301	.284					
4.5	.362	.367	.371	.375	.378	.381	.383	.385	.387	.383	.375	.366	.354	.341	.327							
5.0	.391	.401	.405	.408	.411	.413	.415	.415	.407	.399	.390	.378										
6.0	.420	.435	.448	.460	.470	.463	.456	.448														
7.0	.441	.457	.472	.480	.484																	
8.0	.456	.474																				
mief=	.470	.477	.483	.485	.484	.481	.468	.451	.435	.418	.401	.383	.366	.347	.328	.307	.286	.264	.240	.213	.182	.119	.057
tetaf=	9.2	8.5	8.0	7.5	7.0	6.6	6.4	6.1	5.9	5.7	5.4	5.2	5.0	4.8	4.6	4.3	4.1	3.9	3.8	3.6	3.2	2.3	1.2

w=1.8 Valores de mi ni0= 2.74

teta=1.0	.095	.104	.111	.118	.124	.128	.130	.131	.131	.128	.126	.123	.120	.117	.115	.112	.109	.106	.102	.099	.096	.089	.081
1.5	.142	.149	.157	.164	.170	.175	.179	.182	.184	.185	.184	.183	.179	.175	.171	.166	.162	.157	.152	.147	.142	.132	.105
2.0	.187	.194	.201	.208	.214	.219	.223	.227	.230	.231	.232	.232	.231	.228	.225	.220	.214	.207	.201	.195	.188	.157	.117
2.5	.231	.238	.244	.250	.256	.261	.265	.269	.271	.273	.275	.275	.274	.272	.270	.266	.261	.256	.245	.229	.211	.171	
3.0	.274	.281	.287	.292	.297	.301	.305	.308	.311	.313	.314	.314	.313	.312	.310	.307	.295	.282	.266	.248	.227		
3.5	.317	.322	.327	.332	.337	.340	.344	.346	.348	.350	.350	.351	.350	.348	.338	.327	.313	.297	.280	.260	.239		
4.0	.357	.362	.367	.371	.375	.378	.381	.383	.384	.385	.386	.385	.376	.366	.355	.341	.326	.309					
4.5	.397	.401	.405	.409	.412	.414	.417	.418	.420	.420	.412	.403	.394	.381	.368	.354							
5.0	.433	.439	.442	.445	.448	.450	.452	.453	.447	.439	.430	.419	.407										
6.0	.466	.480	.492	.505	.514	.507	.500	.491															
7.0	.489	.505	.520	.527	.530																		
8.0	.507	.522																					
mief=	.519	.525	.530	.531	.530	.527	.514	.498	.481	.463	.446	.428	.411	.393	.374	.355	.334	.312	.290	.266	.241	.181	.118
tetaf=	9.0	8.4	7.9	7.4	7.0	6.7	6.4	6.2	6.0	5.8	5.6	5.3	5.1	4.9	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.0	2.1

w=2.0 Valores de mi ni0= 2.93

teta=1.0	.103	.111	.118	.125	.130	.134	.137	.139	.139	.137	.135	.132	.130	.127	.124	.122	.119	.116	.113	.110	.107	.101	.094
1.5	.154	.161	.168	.174	.180	.185	.189	.192	.195	.196	.196	.195	.193	.189	.185	.181	.177	.173	.169	.164	.160	.150	.140
2.0	.203	.210	.216	.222	.228	.233	.237	.241	.244	.246	.247	.247	.247	.245	.243	.239	.234	.228	.223	.217	.211	.194	.160
2.5	.251	.257	.263	.269	.274	.279	.283	.286	.289	.291	.293	.293	.293	.292	.291	.288	.285	.280	.275	.266	.250	.215	.174
3.0	.298	.304	.309	.314	.319	.323	.327	.330	.332	.334	.335	.336	.336	.335	.334	.332	.329	.317	.304	.289	.271	.230	
3.5	.344	.349	.354	.358	.362	.366	.369	.372	.374	.375	.376	.377	.377	.376	.372	.362	.350	.337	.321	.305	.285	.241	
4.0	.389	.393	.397	.401	.404	.407	.410	.412	.414	.415	.416	.416	.412	.402	.392	.380	.366	.352	.335	.316			
4.5	.432	.436	.439	.442	.445	.448	.450	.451	.453	.454	.449	.441	.431	.421	.408	.395	.380						
5.0	.474	.477	.480	.483	.485	.487	.489	.490	.486	.478	.469	.460	.448	.435									
6.0	.512	.525	.537	.549	.558	.551	.543	.535	.525														
7.0	.538	.553	.567	.573	.575																		
8.0	.558	.571																					
mief=	.567	.573	.576	.577	.576	.572	.561	.544	.527	.509	.492	.474	.456	.438	.420	.401	.381	.360	.339	.316	.293	.242	.179
tetaf=	8.8	8.2	7.8	7.4	7.0	6.7	6.4	6.2	6.0	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.9	3.5	2.8

TABELA 7a

ACO CA-50A delta=0.05 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

ni0= 1.10

Valores de mi

=0.1

teta=1.0 .011 .039 .057 .066 .068 .063 .058 .051 .044 .035 .023
1.5 .016 .045 .067 .081 .089 .090 .084 .074 .063 .049 .030
2.0 .021 .051 .074 .091 .102 .106 .104 .093 .077 .058 .033
2.5 .027 .056 .080 .099 .111 .117 .115 .106 .087 .064
3.0 .031 .061 .086 .105 .118 .124 .123 .113 .094 .068
3.5 .034 .066 .091 .110 .123 .129 .127 .117 .098
4.0 .036 .069 .095 .115 .128 .133 .130 .120
4.5 .038 .071 .098 .119 .131 .136 .133
5.0 .039 .073 .101 .122 .134 .138 .135
6.0 .040 .076 .104 .125 .138
7.0 .041 .077 .106 .127 .140
8.0 .042 .079 .108 .129
mief= .044 .082 .110 .130 .140 .142 .135 .121 .100 .070 .035
tetaf= 12.2 13.5 11.8 8.8 7.1 5.9 5.0 4.4 3.8 3.3 2.3

ni0= 1.19

Valores de mi

w=0.2

teta=1.0 .019 .043 .060 .069 .072 .069 .063 .058 .051 .044 .035 .024
1.5 .028 .053 .072 .086 .094 .096 .093 .084 .074 .063 .049 .030
2.0 .037 .062 .082 .098 .108 .114 .113 .107 .094 .078 .058 .033
2.5 .046 .071 .091 .108 .119 .126 .127 .121 .108 .088 .064
3.0 .055 .079 .100 .117 .129 .135 .136 .130 .116 .095 .068
3.5 .061 .087 .108 .124 .136 .143 .142 .135 .121 .100
4.0 .065 .093 .115 .132 .143 .148 .147 .139 .125
4.5 .068 .097 .120 .138 .148 .153 .150 .142
5.0 .071 .100 .124 .142 .153 .156 .154
6.0 .075 .105 .130 .148 .159 .162
7.0 .077 .108 .134 .151 .162
8.0 .079 .110 .135 .153
mief= .083 .115 .139 .154 .162 .162 .155 .143 .125 .101 .068 .034
tetaf= 13.0 14.1 10.6 8.5 7.1 6.1 5.3 4.7 4.1 3.7 3.1 2.0

ni0= 1.29

Valores de mi

w=0.3

teta=1.0 .026 .047 .063 .073 .076 .074 .069 .064 .058 .052 .045 .036 .025
1.5 .039 .060 .077 .091 .099 .102 .100 .094 .085 .075 .064 .050 .030
2.0 .051 .072 .090 .105 .115 .121 .122 .118 .109 .095 .079 .059
2.5 .063 .084 .102 .117 .128 .135 .137 .134 .125 .109 .089 .064
3.0 .075 .096 .113 .128 .139 .146 .149 .145 .135 .119 .095
3.5 .085 .107 .124 .139 .149 .156 .157 .152 .141 .124 .100
4.0 .091 .115 .134 .148 .158 .163 .163 .157 .146
4.5 .096 .121 .141 .156 .166 .169 .168 .161
5.0 .100 .126 .147 .162 .172 .175 .172
6.0 .105 .132 .154 .170 .180 .182
7.0 .109 .137 .159 .175 .184
8.0 .112 .140 .162 .177
mief= .118 .146 .165 .178 .184 .183 .176 .164 .148 .128 .101 .067 .033
tetaf= 13.7 12.3 9.9 8.2 7.0 6.2 5.5 4.9 4.4 4.0 3.6 2.9 1.8

ni0= 1.39

Valores de mi

w=0.4

teta=1.0 .032 .051 .066 .076 .080 .079 .075 .070 .065 .059 .053 .046 .037 .026
1.5 .048 .067 .083 .095 .104 .108 .108 .103 .095 .086 .077 .066 .051 .031
2.0 .063 .082 .098 .112 .122 .128 .130 .128 .121 .110 .097 .080 .059
2.5 .079 .097 .113 .126 .137 .144 .147 .146 .140 .128 .110 .089 .065
3.0 .093 .111 .127 .140 .150 .157 .160 .159 .152 .139 .120 .096
3.5 .106 .125 .140 .153 .162 .169 .171 .168 .159 .146 .127
4.0 .114 .135 .152 .165 .173 .178 .179 .174 .165 .151
4.5 .122 .143 .161 .175 .183 .186 .185 .180 .169
5.0 .126 .150 .168 .182 .191 .193 .191 .184
6.0 .134 .158 .178 .192 .201 .203
7.0 .139 .164 .183 .198 .206
8.0 .143 .168 .188 .201
mief= .151 .174 .191 .201 .206 .205 .197 .185 .170 .152 .129 .100 .066 .032
tetaf= 14.1 11.3 9.4 8.1 7.0 6.3 5.6 5.1 4.6 4.2 3.8 3.4 2.6 1.6

TABELA 7b

ACO CA-50A delta=0.05 n'= 10 ni= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=0.5                                                  Valores de mi                                                   ni0= 1.48
 teta=1.0 .038 .055 .069 .079 .084 .084 .080 .075 .071 .065 .060 .054 .047 .039 .027
      1.5 .057 .074 .089 .100 .109 .113 .114 .111 .104 .096 .088 .078 .068 .052
      2.0 .075 .092 .106 .119 .128 .135 .138 .137 .133 .124 .112 .098 .081 .060
      2.5 .093 .109 .123 .136 .146 .153 .156 .157 .153 .145 .131 .112 .090
      3.0 .110 .126 .140 .152 .161 .168 .172 .172 .167 .157 .142 .121 .097
      3.5 .125 .142 .155 .167 .176 .182 .185 .183 .176 .166 .149 .128
      4.0 .137 .155 .170 .181 .189 .194 .194 .191 .183 .171 .155
      4.5 .145 .165 .181 .193 .201 .203 .203 .198 .189
      5.0 .152 .172 .189 .202 .209 .212 .210 .204
      6.0 .162 .183 .202 .213 .222 .223
      7.0 .168 .191 .208 .221 .228
      8.0 .173 .195 .213
    mief= .181 .201 .216 .224 .228 .226 .219 .207 .192 .175 .155 .130 .099 .065 .031
   tetaf= 12.6 10.6  9.1  7.9  7.0  6.3  5.8  5.3  4.8  4.4  4.0  3.7  3.2  2.5  1.5
w=0.6                                                  Valores de mi                                                   ni0= 1.58
 teta=1.0 .044 .060 .073 .082 .087 .088 .085 .081 .076 .072 .067 .061 .055 .049 .041 .027
      1.5 .065 .080 .094 .105 .114 .119 .120 .118 .113 .105 .098 .089 .080 .069 .054
      2.0 .086 .101 .114 .126 .135 .142 .145 .146 .143 .136 .126 .115 .100 .083 .062
      2.5 .106 .121 .134 .145 .155 .161 .166 .167 .165 .159 .148 .133 .114 .091
      3.0 .126 .140 .153 .163 .172 .179 .183 .184 .181 .174 .161 .145 .123 .098
      3.5 .144 .159 .170 .181 .189 .195 .198 .197 .193 .183 .170 .152 .130
      4.0 .158 .174 .188 .197 .204 .209 .210 .208 .201 .191 .177
      4.5 .167 .186 .200 .212 .218 .220 .220 .216 .209 .197
      5.0 .176 .194 .210 .222 .228 .231 .228 .223
      6.0 .187 .208 .224 .235 .243 .244
      7.0 .195 .216 .231 .244 .249
      8.0 .201 .221 .237
    mief= .209 .228 .240 .247 .250 .248 .241 .228 .214 .198 .179 .157 .131 .098 .064 .031
   tetaf= 11.7 10.0  8.8  7.8  7.0  6.4  5.9  5.4  5.0  4.6  4.2  3.9  3.6  3.0  2.3  1.3
w=0.7                                                  Valores de mi                                                   ni0= 1.68
 teta=1.0 .049 .064 .076 .085 .091 .092 .090 .086 .082 .077 .073 .068 .063 .057 .050 .043 .028
      1.5 .073 .087 .100 .111 .119 .124 .126 .125 .121 .114 .107 .100 .092 .083 .071 .055
      2.0 .096 .110 .123 .133 .142 .149 .153 .154 .152 .148 .140 .129 .117 .102 .084 .062
      2.5 .119 .132 .144 .155 .164 .170 .175 .177 .176 .172 .164 .152 .134 .115 .093
      3.0 .141 .154 .165 .175 .184 .190 .194 .196 .195 .189 .179 .165 .147 .124
      3.5 .162 .175 .185 .195 .202 .208 .212 .211 .208 .201 .190 .174 .155 .131
      4.0 .177 .192 .205 .213 .220 .225 .225 .224 .218 .210 .197 .181
      4.5 .189 .206 .219 .230 .236 .238 .238 .233 .227 .217
      5.0 .199 .216 .231 .241 .247 .250 .247 .242 .234
      6.0 .212 .232 .246 .256 .264 .264
      7.0 .222 .241 .255 .267 .271
      8.0 .228 .246 .262
    mief= .237 .253 .265 .270 .272 .269 .263 .250 .236 .220 .202 .183 .159 .131 .097 .063 .030
   tetaf= 11.1  9.7  8.6  7.7  7.0  6.4  6.0  5.5  5.1  4.8  4.4  4.1  3.8  3.5  2.9  2.1  1.2
w=0.8                                                  Valores de mi                                                   ni0= 1.77
 teta=1.0 .054 .068 .080 .088 .094 .096 .095 .091 .087 .083 .079 .074 .069 .064 .059 .052 .045 .029
      1.5 .080 .094 .106 .116 .124 .129 .132 .132 .129 .123 .116 .110 .102 .094 .086 .073 .056
      2.0 .106 .119 .131 .141 .149 .156 .160 .162 .161 .158 .152 .143 .133 .119 .104 .085
      2.5 .131 .143 .155 .164 .173 .179 .184 .187 .187 .184 .179 .168 .154 .136 .116 .094
      3.0 .155 .167 .178 .187 .195 .201 .206 .208 .208 .203 .196 .184 .169 .148 .125
      3.5 .179 .190 .200 .209 .216 .222 .225 .226 .223 .217 .208 .195 .178 .157
      4.0 .197 .210 .222 .229 .236 .240 .241 .240 .235 .228 .217 .202
      4.5 .210 .226 .238 .248 .254 .255 .255 .251 .245 .236 .224
      5.0 .221 .237 .252 .261 .266 .269 .266 .261 .254
      6.0 .237 .255 .268 .278 .285 .285 .284
      7.0 .249 .265 .278 .289 .293
      8.0 .254 .272 .286
    mief= .264 .278 .288 .293 .294 .291 .284 .273 .258 .242 .225 .206 .185 .160 .130 .096 .063 .030
   tetaf= 10.6  9.4  8.4  7.7  7.0  6.5  6.0  5.6  5.3  4.9  4.6  4.3  4.0  3.7  3.3  2.7  2.0  1.1
```

TABELA 7c

ACO CA-50A delta=0.05 n'= 10 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.9											Valores de mi												ni0= 1.87
teta=1.0	.059	.072	.083	.092	.097	.100	.099	.096	.092	.089	.085	.080	.076	.071	.066	.061	.055	.046					
1.5	.088	.100	.111	.121	.129	.134	.137	.138	.136	.131	.125	.119	.112	.105	.097	.088	.075	.057					
2.0	.116	.128	.139	.148	.156	.163	.167	.170	.170	.167	.163	.155	.146	.135	.122	.106	.087						
2.5	.143	.154	.165	.174	.182	.189	.193	.196	.197	.195	.192	.184	.172	.156	.139	.118	.095						
3.0	.170	.180	.190	.199	.206	.212	.217	.219	.220	.217	.211	.202	.188	.171	.150	.126							
3.5	.196	.206	.215	.223	.230	.235	.239	.240	.238	.233	.225	.214	.199	.181	.159								
4.0	.215	.228	.238	.246	.251	.256	.257	.256	.252	.245	.236	.223	.207										
4.5	.231	.245	.257	.266	.272	.273	.272	.269	.263	.256	.244												
5.0	.243	.259	.272	.280	.285	.288	.286	.280	.274	.264													
6.0	.261	.279	.290	.299	.306	.306	.305																
7.0	.274	.289	.302	.311	.315																		
8.0	.280	.297	.309																				
mief=	.291	.302	.311	.315	.316	.313	.306	.296	.280	.264	.248	.229	.210	.186	.160	.129	.095	.062	.029				
tetaf=	10.1	9.2	8.3	7.6	7.0	6.5	6.1	5.7	5.4	5.0	4.7	4.4	4.1	3.9	3.6	3.2	2.5	1.8	1.0				
w=1.0											Valores de mi												ni0= 1.97
teta=1.0	.064	.076	.087	.095	.101	.104	.104	.101	.097	.094	.090	.086	.082	.078	.073	.068	.063	.057	.048				
1.5	.095	.106	.117	.126	.134	.139	.143	.144	.143	.139	.134	.128	.121	.115	.108	.100	.090	.077	.059				
2.0	.125	.136	.147	.156	.164	.170	.174	.177	.178	.177	.173	.167	.159	.150	.138	.124	.108	.088					
2.5	.155	.165	.175	.184	.191	.198	.202	.205	.207	.206	.204	.198	.188	.175	.158	.140	.119						
3.0	.184	.194	.203	.211	.218	.224	.228	.231	.232	.231	.226	.218	.206	.192	.173	.152	.128						
3.5	.212	.221	.229	.237	.243	.248	.252	.254	.252	.248	.242	.232	.219	.203	.184	.160							
4.0	.234	.246	.255	.262	.267	.271	.273	.271	.269	.262	.254	.243	.228	.212									
4.5	.252	.265	.275	.285	.290	.290	.290	.287	.281	.274	.264	.251											
5.0	.265	.280	.292	.300	.305	.307	.305	.300	.293	.284													
6.0	.285	.302	.312	.320	.327	.327	.325																
7.0	.298	.312	.325	.333	.337																		
8.0	.306	.322	.333																				
mief=	.316	.327	.334	.338	.337	.335	.328	.318	.303	.287	.270	.252	.233	.212	.188	.161	.128	.095	.062	.029			
tetaf=	9.9	9.0	8.2	7.5	7.0	6.5	6.2	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.8	3.5	3.0	2.4	1.7	0.9			
w=1.1											Valores de mi												ni0= 2.06
teta=1.0	.068	.080	.090	.098	.104	.107	.108	.106	.102	.099	.095	.092	.088	.084	.080	.075	.070	.065	.060	.049			
1.5	.102	.113	.123	.132	.139	.145	.148	.150	.150	.147	.142	.136	.130	.124	.118	.111	.104	.093	.079	.060			
2.0	.134	.145	.155	.163	.171	.177	.182	.185	.186	.185	.183	.178	.171	.163	.153	.141	.126	.110	.090				
2.5	.166	.176	.185	.194	.201	.207	.212	.215	.217	.217	.215	.211	.203	.192	.178	.161	.142	.121					
3.0	.197	.206	.215	.223	.229	.235	.239	.242	.244	.244	.240	.233	.224	.211	.195	.175	.154						
3.5	.227	.236	.244	.251	.257	.262	.265	.268	.267	.263	.258	.249	.238	.224	.206	.186							
4.0	.252	.264	.272	.278	.283	.287	.288	.287	.285	.279	.272	.262	.249	.233									
4.5	.272	.283	.294	.303	.307	.308	.307	.305	.300	.292	.284	.272											
5.0	.286	.300	.312	.319	.324	.326	.324	.319	.312	.305													
6.0	.309	.324	.333	.341	.348	.347	.346																
7.0	.322	.336	.348	.356	.359																		
8.0	.331	.346	.356																				
mief=	.341	.351	.357	.361	.359	.357	.349	.341	.325	.309	.292	.275	.256	.237	.214	.189	.160	.127	.094	.061	.029		
tetaf=	9.6	8.8	8.1	7.5	7.0	6.6	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.2	3.9	3.7	3.4	2.9	2.3	1.6	0.8		
w=1.2											Valores de mi												ni0= 2.16
teta=1.0	.073	.084	.094	.102	.108	.111	.112	.111	.107	.104	.101	.097	.094	.090	.086	.082	.077	.073	.068	.062	.051		
1.5	.109	.119	.129	.137	.144	.150	.154	.156	.156	.154	.150	.144	.139	.133	.127	.121	.114	.107	.095	.080			
2.0	.143	.153	.163	.171	.178	.184	.189	.192	.194	.194	.192	.188	.182	.175	.167	.156	.144	.129	.111	.091			
2.5	.177	.187	.195	.203	.210	.216	.221	.224	.226	.227	.226	.223	.217	.208	.196	.180	.164	.144	.122				
3.0	.211	.219	.227	.235	.241	.246	.251	.254	.256	.256	.253	.248	.240	.229	.215	.198	.177	.155					
3.5	.243	.251	.258	.265	.270	.275	.279	.281	.281	.278	.274	.266	.256	.244	.228	.210	.188						
4.0	.270	.281	.288	.294	.299	.303	.304	.303	.301	.297	.289	.280	.269	.254	.238								
4.5	.292	.302	.312	.321	.325	.325	.324	.323	.318	.311	.303	.292	.278										
5.0	.307	.321	.332	.339	.343	.345	.344	.338	.332	.324	.314												
6.0	.333	.346	.355	.363	.369	.368	.367																
7.0	.346	.359	.371	.378	.381																		
8.0	.356	.370	.379																				
mief=	.365	.375	.379	.383	.381	.379	.371	.363	.348	.332	.315	.298	.279	.260	.240	.216	.190	.159	.126	.093	.061		
tetaf=	9.4	8.6	8.0	7.5	7.0	6.6	6.2	5.9	5.6	5.3	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.3	2.7	2.2	1.5		

TABELA 7d

ACO CA-50A delta=0.05 n'= 10 ni= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=1.4
                                                  Valores de mi
teta=1.0 .082 .092 .101 .109 .114 .118 .120 .120 .117 .114 .111 .108 .104 .101 .098 .094 .090 .086 .082 .078 .073 .053
                                                                                                                    ni0= 2.35
     1.5 .122 .132 .140 .148 .155 .160 .165 .167 .168 .167 .165 .160 .155 .150 .145 .140 .134 .128 .122 .112 .099
     2.0 .161 .170 .179 .186 .193 .199 .203 .207 .209 .210 .209 .207 .203 .198 .191 .184 .174 .163 .149 .134 .115
     2.5 .200 .208 .216 .223 .229 .235 .239 .243 .245 .247 .247 .245 .242 .237 .228 .217 .202 .186 .167 .148
     3.0 .237 .245 .252 .258 .264 .269 .273 .277 .279 .280 .280 .276 .270 .263 .251 .238 .222 .202 .182 .158
     3.5 .273 .280 .287 .293 .298 .302 .306 .308 .310 .307 .304 .299 .290 .280 .268 .253 .235 .215
     4.0 .305 .315 .321 .326 .330 .334 .336 .335 .333 .330 .324 .316 .307 .295 .280 .264
     4.5 .330 .340 .349 .357 .361 .361 .360 .358 .354 .347 .340 .331 .319 .306
     5.0 .349 .362 .372 .377 .381 .384 .382 .377 .370 .363 .355 .343
     6.0 .379 .389 .398 .405 .411 .410 .408 .406
     7.0 .393 .406 .417 .422 .425
     8.0 .407 .418
   mief= .413 .421 .425 .428 .425 .422 .415 .406 .394 .378 .361 .343 .325 .307 .287 .267 .243 .218 .191 .158 .125 .060
  tetaf=  9.1  8.4  7.9  7.4  7.0  6.6  6.3  6.0  5.7  5.5  5.3  5.0  4.8  4.5  4.3  4.1  3.9  3.7  3.5  3.0  2.5  1.3
w=1.6
                                                  Valores de mi
teta=1.0 .091 .100 .109 .116 .121 .125 .128 .128 .126 .124 .121 .118 .115 .112 .109 .105 .102 .099 .095 .091 .088 .079 .055
                                                                                                                    ni0= 2.55
     1.5 .136 .144 .152 .159 .166 .171 .175 .178 .180 .180 .178 .175 .171 .167 .162 .157 .152 .147 .141 .136 .128 .104
     2.0 .179 .187 .195 .202 .208 .213 .218 .221 .224 .225 .226 .225 .222 .219 .213 .207 .200 .191 .181 .169 .154 .118
     2.5 .221 .229 .236 .242 .248 .254 .258 .262 .264 .266 .267 .266 .265 .262 .256 .247 .237 .223 .208 .191 .172
     3.0 .263 .270 .276 .282 .288 .292 .296 .299 .302 .303 .304 .303 .298 .292 .285 .273 .261 .246 .227 .207 .184
     3.5 .303 .310 .315 .321 .325 .329 .333 .335 .337 .336 .333 .329 .324 .314 .304 .293 .277 .260 .242 .219
     4.0 .340 .348 .353 .358 .362 .365 .368 .367 .365 .362 .358 .351 .342 .333 .320 .306 .290
     4.5 .368 .377 .385 .393 .397 .396 .395 .393 .390 .384 .377 .369 .360 .347 .333
     5.0 .391 .403 .411 .416 .419 .422 .420 .416 .409 .402 .395 .384
     6.0 .424 .433 .440 .448 .453 .452 .450 .447
     7.0 .440 .452 .463 .466 .469
     8.0 .455 .464
   mief= .461 .467 .470 .472 .469 .466 .459 .450 .440 .424 .406 .389 .371 .353 .334 .314 .294 .271 .246 .220 .189 .124 .059
  tetaf=  8.8  8.3  7.8  7.4  7.0  6.7  6.4  6.1  5.8  5.6  5.4  5.2  5.0  4.7  4.5  4.3  4.1  3.9  3.8  3.6  3.2  2.3  1.2
w=1.8
                                                  Valores de mi
teta=1.0 .100 .108 .116 .123 .128 .132 .135 .136 .135 .133 .130 .128 .125 .122 .119 .116 .113 .110 .107 .104 .100 .093 .084
                                                                                                                    ni0= 2.74
     1.5 .149 .156 .164 .171 .177 .182 .186 .189 .191 .192 .191 .190 .186 .182 .178 .173 .169 .164 .159 .154 .149 .134 .107
     2.0 .196 .204 .211 .217 .223 .228 .233 .236 .239 .241 .242 .241 .240 .238 .234 .229 .223 .217 .209 .199 .188 .159 .121
     2.5 .243 .250 .256 .262 .268 .273 .277 .280 .283 .285 .286 .287 .286 .284 .281 .275 .267 .257 .244 .229 .214 .176
     3.0 .288 .295 .301 .306 .311 .315 .319 .322 .325 .327 .328 .328 .325 .320 .314 .307 .296 .283 .269 .251 .232
     3.5 .333 .339 .344 .349 .353 .357 .360 .363 .365 .365 .362 .359 .355 .348 .339 .328 .317 .302 .285 .268 .246
     4.0 .375 .381 .386 .390 .393 .397 .399 .399 .397 .394 .391 .385 .377 .369 .359 .346 .332 .316
     4.5 .405 .414 .422 .430 .433 .432 .430 .428 .426 .421 .414 .406 .397 .387 .374 .360
     5.0 .432 .443 .450 .454 .457 .460 .459 .455 .448 .441 .434 .426 .414
     6.0 .468 .476 .483 .490 .495 .494 .492 .489
     7.0 .487 .498 .508 .510 .513
     8.0 .503 .511
   mief= .509 .512 .515 .516 .513 .510 .503 .494 .484 .470 .453 .435 .417 .399 .380 .361 .341 .321 .299 .274 .249 .187 .122
  tetaf=  8.6  8.1  7.7  7.3  7.0  6.7  6.4  6.2  5.9  5.7  5.5  5.3  5.1  4.9  4.7  4.5  4.4  4.2  4.0  3.8  3.6  3.0  2.1
w=2.0
                                                  Valores de mi
teta=1.0 .109 .116 .124 .130 .135 .139 .142 .144 .144 .142 .140 .137 .135 .132 .129 .127 .124 .121 .118 .115 .112 .106 .099
                                                                                                                    ni0= 2.93
     1.5 .161 .169 .176 .182 .188 .193 .197 .200 .202 .204 .204 .203 .201 .197 .193 .189 .185 .181 .176 .172 .167 .158 .140
     2.0 .213 .220 .227 .233 .238 .243 .247 .251 .254 .256 .257 .258 .257 .255 .253 .249 .245 .239 .233 .226 .216 .194 .163
     2.5 .264 .270 .276 .282 .287 .292 .296 .299 .302 .304 .306 .306 .306 .305 .304 .301 .295 .287 .277 .265 .250 .218 .179
     3.0 .314 .319 .325 .330 .334 .339 .342 .345 .348 .350 .351 .352 .352 .348 .343 .337 .329 .318 .306 .293 .275 .237
     3.5 .362 .367 .372 .376 .381 .384 .387 .390 .392 .393 .392 .388 .385 .380 .372 .363 .353 .342 .326 .310 .293 .250
     4.0 .409 .414 .418 .422 .425 .428 .431 .431 .429 .427 .423 .420 .412 .404 .395 .385 .372 .357 .342 .326
     4.5 .442 .451 .458 .466 .468 .467 .466 .463 .461 .458 .450 .443 .435 .426 .415 .401 .387
     5.0 .473 .482 .489 .493 .495 .498 .497 .494 .488 .480 .473 .465 .456 .443
     6.0 .511 .518 .526 .532 .537 .536 .533 .531 .527
     7.0 .533 .544 .552 .554 .556
     8.0 .550 .557
   mief= .555 .557 .560 .560 .557 .553 .547 .538 .528 .516 .499 .481 .462 .445 .426 .407 .388 .368 .348 .326 .302 .259 .186
  tetaf=  8.4  8.0  7.6  7.3  7.0  6.7  6.5  6.2  6.0  5.8  5.6  5.4  5.2  5.1  4.9  4.7  4.5  4.4  4.2  4.0  3.9  3.5  2.8
```

TABELA 8a

ACO CA-50A delta=0.10 n'= 10 ni= 2

```
ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
                                                                                                                ni0= 1.10
                                                Valores de mi
).1
:ta=1.0 .010 .038 .056 .065 .067 .062 .057 .050 .043 .034 .022
   1.5 .015 .044 .065 .080 .088 .089 .083 .073 .061 .047 .029
   2.0 .020 .049 .072 .089 .100 .104 .102 .092 .076 .056 .032
   2.5 .025 .054 .078 .097 .109 .115 .113 .104 .086 .062
   3.0 .029 .059 .083 .102 .115 .122 .120 .111 .093 .067
   3.5 .032 .063 .088 .107 .121 .127 .125 .115 .097
   4.0 .035 .067 .092 .112 .125 .130 .128 .118
   4.5 .036 .069 .096 .115 .128 .133 .130
   5.0 .037 .071 .098 .118 .131 .135 .132
   6.0 .039 .074 .102 .122 .134
   7.0 .041 .076 .104 .124 .137
   8.0 .041 .077 .105 .126
 mief= .043 .080 .108 .127 .137 .138 .132 .119 .099 .069 .034
 tetaf= 13.0 14.5 11.6  8.8  7.1  5.9  5.1  4.4  3.9  3.3  2.3                                                ni0= 1.19
                                                Valores de mi
=0.2
teta=1.0 .017 .041 .058 .068 .071 .067 .062 .056 .050 .042 .034 .022
   1.5 .026 .050 .070 .083 .091 .094 .090 .082 .072 .061 .047 .028
   2.0 .034 .058 .079 .094 .105 .110 .110 .103 .091 .075 .056 .032
   2.5 .042 .066 .087 .104 .115 .122 .123 .117 .105 .085 .062
   3.0 .050 .074 .095 .112 .124 .130 .131 .125 .113 .092 .066
   3.5 .057 .082 .102 .119 .130 .137 .137 .131 .118 .097
   4.0 .062 .088 .109 .125 .136 .142 .142 .135 .121
   4.5 .065 .092 .114 .131 .141 .146 .145 .138
   5.0 .068 .096 .119 .135 .146 .150 .148
   6.0 .071 .101 .124 .142 .152 .155
   7.0 .074 .104 .128 .145 .156
   8.0 .076 .106 .130 .148
 mief= .080 .111 .134 .148 .156 .156 .149 .138 .122 .099 .067 .032
 tetaf= 14.0 13.6 10.4  8.4  7.1  6.1  5.3  4.7  4.2  3.7  3.1  2.1                                           ni0= 1.29
                                                Valores de mi
w=0.3
teta=1.0 .023 .045 .060 .070 .074 .071 .067 .061 .056 .049 .042 .034 .023
   1.5 .035 .056 .074 .087 .095 .098 .097 .090 .081 .071 .060 .047 .029
   2.0 .046 .067 .085 .100 .110 .116 .117 .113 .104 .090 .075 .056
   2.5 .057 .078 .096 .111 .122 .129 .131 .128 .120 .105 .085 .061
   3.0 .068 .088 .106 .121 .132 .139 .141 .138 .129 .114 .092
   3.5 .078 .098 .116 .130 .140 .147 .149 .145 .135 .119 .097
   4.0 .085 .107 .125 .138 .148 .154 .155 .150 .140
   4.5 .090 .113 .132 .146 .155 .160 .159 .154
   5.0 .094 .118 .138 .152 .161 .164 .163
   6.0 .100 .125 .146 .161 .169 .172
   7.0 .104 .130 .150 .166 .175
   8.0 .106 .133 .154 .169
 mief= .114 .139 .157 .169 .175 .174 .167 .157 .142 .123 .098 .065 .031
 tetaf= 14.9 11.9  9.7  8.2  7.0  6.2  5.5  4.9  4.4  4.0  3.6  2.9  1.9                                      ni0= 1.39
                                                Valores de mi
w=0.4
teta=1.0 .029 .048 .063 .072 .077 .076 .071 .066 .061 .056 .049 .042 .034 .023
   1.5 .043 .062 .078 .090 .099 .103 .102 .098 .090 .081 .071 .061 .047 .029
   2.0 .057 .075 .092 .105 .115 .121 .123 .121 .115 .104 .091 .075 .056
   2.5 .070 .088 .104 .118 .128 .135 .139 .138 .132 .121 .105 .085 .062
   3.0 .083 .101 .117 .130 .140 .147 .150 .149 .143 .132 .115 .092
   3.5 .096 .113 .128 .141 .151 .157 .160 .158 .151 .139 .121 .097
   4.0 .105 .124 .139 .151 .160 .166 .167 .164 .156 .143
   4.5 .112 .133 .149 .161 .169 .173 .173 .169 .161
   5.0 .118 .139 .156 .169 .177 .179 .179 .174
   6.0 .126 .148 .166 .179 .187 .190
   7.0 .131 .154 .172 .185 .194
   8.0 .135 .158 .177
 mief= .143 .164 .180 .190 .194 .192 .185 .175 .162 .145 .124 .097 .063 .030
 tetaf= 13.4 10.9  9.2  8.0  7.0  6.3  5.7  5.2  4.7  4.2  3.8  3.5  2.7  1.7
```

TABELA 8b

ACO CA-50A delta=0.10 n'= 10 ni= 2

w=0.5

Valores de mi

teta	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40	ni0= 1.4
1.0	.034	.051	.065	.075	.079	.079	.076	.071	.066	.061	.056	.050	.043	.035	.024									
1.5	.050	.067	.082	.094	.102	.107	.108	.104	.098	.090	.081	.072	.061	.048	.029									
2.0	.066	.083	.098	.110	.120	.126	.129	.129	.124	.116	.104	.091	.076	.056										
2.5	.082	.098	.113	.125	.135	.142	.146	.146	.143	.135	.123	.105	.085	.062										
3.0	.098	.113	.127	.139	.149	.156	.159	.160	.156	.148	.134	.115	.092											
3.5	.113	.127	.141	.152	.161	.167	.170	.170	.165	.156	.141	.122												
4.0	.124	.141	.154	.164	.172	.178	.180	.178	.172	.162	.146													
4.5	.133	.151	.165	.175	.183	.187	.187	.184	.177															
5.0	.140	.159	.174	.185	.192	.194	.194	.189																
6.0	.149	.170	.186	.198	.204	.207																		
7.0	.156	.177	.194	.205	.212																			
8.0	.161	.182	.198																					
mief=	.170	.188	.202	.210	.213	.210	.203	.193	.181	.165	.147	.124	.095	.062	.029									
tetaf=	12.0	10.2	8.9	7.9	7.0	6.4	5.8	5.3	4.9	4.5	4.1	3.7	3.3	2.5	1.5									

w=0.6

Valores de mi

teta																								ni0= 1.58
1.0	.038	.055	.068	.077	.082	.083	.080	.076	.071	.067	.062	.056	.050	.044	.036	.025								
1.5	.057	.073	.087	.098	.106	.111	.113	.111	.105	.098	.090	.082	.073	.063	.049									
2.0	.076	.091	.104	.116	.125	.132	.135	.136	.133	.126	.116	.105	.092	.076	.057									
2.5	.093	.108	.121	.133	.142	.149	.153	.154	.153	.147	.138	.124	.106	.085										
3.0	.111	.125	.137	.148	.157	.164	.168	.169	.168	.161	.151	.136	.115	.092										
3.5	.128	.141	.153	.163	.171	.177	.181	.182	.178	.171	.160	.143	.123											
4.0	.142	.157	.168	.177	.184	.190	.192	.191	.187	.178	.166													
4.5	.152	.168	.181	.190	.196	.201	.201	.199	.193	.184														
5.0	.160	.178	.191	.201	.208	.210	.209	.205	.199															
6.0	.172	.191	.205	.216	.222	.225																		
7.0	.180	.199	.214	.224	.231																			
8.0	.185	.206	.220																					
mief=	.195	.211	.223	.230	.232	.228	.221	.211	.199	.185	.168	.149	.124	.093	.060	.028								
tetaf=	11.2	9.7	8.6	7.8	7.0	6.4	5.9	5.5	5.1	4.7	4.3	3.9	3.6	3.1	2.4	1.4								

w=0.7

Valores de mi

teta																								ni0= 1.68
1.0	.043	.058	.070	.079	.085	.086	.084	.080	.076	.072	.067	.062	.057	.051	.045	.037	.025							
1.5	.064	.078	.091	.102	.110	.115	.117	.116	.112	.106	.099	.091	.083	.074	.064	.050								
2.0	.084	.098	.111	.122	.131	.137	.141	.142	.141	.136	.128	.118	.107	.093	.077	.057								
2.5	.104	.117	.130	.140	.149	.156	.160	.162	.162	.158	.151	.140	.125	.106	.086									
3.0	.123	.136	.148	.158	.166	.173	.177	.179	.178	.174	.166	.154	.137	.116										
3.5	.142	.154	.165	.174	.182	.188	.191	.193	.191	.186	.176	.163	.145	.123										
4.0	.158	.171	.181	.190	.197	.202	.205	.204	.201	.194	.184	.169												
4.5	.171	.185	.197	.204	.210	.215	.215	.214	.208	.201														
5.0	.180	.196	.208	.217	.223	.225	.225	.221	.215															
6.0	.194	.211	.224	.235	.240	.242	.240																	
7.0	.204	.221	.235	.244	.250																			
8.0	.210	.228	.241																					
mief=	.219	.233	.243	.250	.250	.247	.240	.229	.218	.204	.189	.171	.149	.124	.092	.059	.028							
tetaf=	10.6	9.4	8.5	7.7	7.0	6.5	6.0	5.6	5.2	4.8	4.5	4.1	3.8	3.6	3.0	2.2	1.2							

w=0.8

Valores de mi

teta																								ni0= 1.77
1.0	.047	.061	.073	.082	.087	.089	.088	.084	.080	.076	.072	.068	.063	.058	.052	.046	.039	.026						
1.5	.070	.084	.096	.106	.114	.119	.122	.122	.119	.113	.106	.100	.092	.084	.076	.065	.051							
2.0	.092	.105	.117	.127	.136	.142	.147	.149	.148	.144	.138	.129	.119	.108	.095	.078	.058							
2.5	.114	.127	.138	.148	.156	.163	.167	.170	.170	.168	.163	.154	.142	.125	.107	.087								
3.0	.135	.147	.158	.167	.175	.181	.186	.188	.188	.186	.179	.170	.156	.138	.117									
3.5	.156	.167	.177	.185	.193	.198	.202	.204	.203	.199	.191	.180	.165	.147										
4.0	.175	.186	.195	.203	.209	.214	.217	.217	.214	.209	.200	.188	.172											
4.5	.189	.201	.212	.219	.224	.228	.229	.228	.224	.216	.207													
5.0	.199	.214	.224	.233	.239	.240	.240	.237	.231	.223														
6.0	.215	.231	.243	.253	.257	.260	.257																	
7.0	.226	.242	.255	.263	.269																			
8.0	.234	.250	.262																					
mief=	.243	.255	.264	.269	.269	.266	.259	.248	.236	.223	.208	.191	.172	.150	.123	.090	.058	.027						
tetaf=	10.1	9.1	8.3	7.6	7.0	6.5	6.1	5.7	5.3	5.0	4.6	4.3	4.0	3.7	3.4	2.8	2.0	1.1						

TABELA 8c

ACO CA-50A delta=0.10 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

ni0= 1.87

Valores de mi

0.9

eta=1.0	.051	.064	.075	.084	.090	.093	.092	.088	.085	.081	.077	.073	.068	.064	.059	.053	.047	.040	.026		
1.5	.076	.089	.100	.110	.117	.123	.126	.127	.125	.120	.114	.108	.101	.094	.086	.078	.067	.052			
2.0	.100	.112	.124	.133	.141	.148	.152	.155	.155	.152	.148	.140	.131	.121	.110	.096	.079				
2.5	.124	.136	.146	.155	.163	.170	.174	.177	.178	.177	.173	.167	.157	.143	.126	.108	.087				
3.0	.147	.158	.168	.176	.184	.190	.194	.197	.198	.197	.192	.184	.173	.158	.139	.117					
3.5	.169	.179	.188	.196	.203	.209	.212	.214	.215	.211	.206	.196	.184	.167	.148						
4.0	.190	.200	.208	.215	.221	.226	.229	.230	.227	.223	.215	.205	.191								
4.5	.205	.217	.227	.233	.238	.242	.243	.242	.239	.232	.224										
5.0	.218	.231	.241	.250	.255	.256	.255	.253	.247	.240											
6.0	.236	.250	.262	.271	.275	.277	.275														
7.0	.248	.263	.275	.282	.288																
8.0	.257	.271	.282																		
mief=	.265	.277	.284	.289	.288	.284	.278	.266	.255	.242	.228	.212	.194	.174	.150	.121	.089	.057	.027		
tetaf=	9.8	8.9	8.2	7.6	7.0	6.6	6.1	5.8	5.5	5.1	4.8	4.5	4.2	3.9	3.7	3.3	2.7	1.9	1.0		

ni0= 1.97

Valores de mi

=1.0

teta=1.0	.055	.068	.078	.087	.092	.095	.095	.093	.089	.085	.082	.078	.074	.069	.065	.060	.055	.049	.042		
1.5	.082	.094	.105	.114	.121	.127	.130	.132	.130	.127	.121	.115	.109	.102	.095	.088	.080	.068	.052		
2.0	.108	.120	.130	.139	.147	.153	.158	.160	.161	.160	.156	.150	.142	.133	.124	.112	.097	.080			
2.5	.134	.144	.154	.163	.171	.177	.181	.185	.186	.185	.183	.178	.171	.159	.145	.128	.109	.088			
3.0	.158	.168	.178	.186	.193	.199	.203	.206	.207	.207	.204	.198	.189	.176	.160	.140	.118				
3.5	.182	.192	.200	.207	.214	.219	.223	.225	.226	.224	.219	.211	.201	.187	.169	.149					
4.0	.206	.214	.222	.228	.234	.238	.241	.243	.241	.237	.230	.221	.210	.195							
4.5	.222	.233	.242	.248	.252	.256	.257	.256	.254	.247	.240	.230									
5.0	.236	.248	.257	.266	.270	.271	.270	.269	.263	.257											
6.0	.257	.269	.281	.289	.292	.295	.293														
7.0	.269	.284	.294	.302	.307																
8.0	.280	.292	.303																		
mief=	.287	.298	.304	.308	.307	.303	.297	.285	.273	.261	.247	.231	.214	.196	.175	.150	.120	.088	.057	.026	
tetaf=	9.5	8.7	8.1	7.5	7.0	6.6	6.2	5.9	5.6	5.2	4.9	4.6	4.4	4.1	3.8	3.6	3.1	2.5	1.8	0.9	

ni0= 2.06

Valores de mi

=1.1

teta=1.0	.059	.071	.081	.089	.095	.098	.099	.097	.093	.090	.086	.083	.079	.075	.070	.066	.061	.056	.051	.043	
1.5	.088	.099	.109	.118	.125	.131	.135	.136	.136	.133	.128	.122	.117	.110	.104	.097	.090	.082	.069	.053	
2.0	.116	.126	.136	.145	.152	.159	.163	.166	.167	.167	.164	.159	.152	.144	.136	.126	.114	.098	.081		
2.5	.143	.153	.162	.171	.178	.184	.189	.192	.194	.194	.192	.188	.183	.173	.161	.146	.129	.110			
3.0	.170	.179	.187	.195	.202	.207	.212	.215	.216	.216	.215	.210	.203	.192	.178	.161	.141				
3.5	.195	.204	.212	.219	.225	.229	.233	.236	.237	.236	.232	.226	.216	.205	.189	.171	.149				
4.0	.220	.228	.235	.241	.246	.250	.253	.255	.254	.251	.245	.237	.227	.213							
4.5	.238	.249	.257	.262	.266	.270	.271	.270	.268	.263	.256	.247	.235								
5.0	.254	.265	.274	.282	.286	.287	.286	.284	.279	.273	.265										
6.0	.276	.288	.300	.306	.310	.313	.311														
7.0	.291	.304	.314	.321	.326																
8.0	.301	.313	.324																		
mief=	.308	.318	.324	.327	.326	.322	.315	.304	.292	.280	.266	.251	.235	.217	.198	.175	.150	.118	.087	.056	.025
tetaf=	9.3	8.6	8.0	7.5	7.0	6.6	6.2	5.9	5.6	5.3	5.1	4.8	4.5	4.2	4.0	3.8	3.5	3.0	2.4	1.7	0.8

ni0= 2.16

Valores de mi

=1.2

teta=1.0	.063	.074	.084	.092	.098	.101	.102	.100	.097	.094	.091	.087	.084	.080	.076	.072	.067	.063	.058	.053	.044
1.5	.094	.104	.114	.122	.129	.135	.139	.141	.141	.139	.135	.129	.124	.118	.112	.106	.099	.093	.083	.071	.054
2.0	.123	.133	.143	.151	.158	.164	.169	.172	.174	.174	.172	.168	.162	.155	.147	.138	.128	.115	.100	.082	
2.5	.152	.162	.170	.178	.185	.191	.196	.199	.201	.202	.201	.198	.193	.187	.176	.163	.147	.130	.111		
3.0	.181	.189	.197	.204	.211	.216	.221	.224	.226	.226	.225	.222	.216	.208	.195	.181	.162	.142			
3.5	.208	.216	.223	.230	.235	.240	.244	.246	.248	.248	.244	.239	.231	.221	.208	.192	.173				
4.0	.234	.241	.248	.254	.258	.262	.265	.268	.267	.264	.260	.252	.243	.231	.217						
4.5	.254	.265	.271	.276	.280	.284	.285	.284	.282	.278	.271	.263	.253								
5.0	.272	.281	.290	.298	.302	.302	.301	.300	.295	.289	.282										
6.0	.295	.307	.318	.324	.327	.330	.329														
7.0	.312	.325	.333	.340	.345																
8.0	.323	.334																			
mief=	.330	.338	.344	.346	.345	.340	.334	.323	.311	.299	.286	.271	.255	.238	.219	.199	.176	.149	.117	.086	.055
tetaf=	9.1	8.5	7.9	7.5	7.0	6.6	6.3	6.0	5.7	5.4	5.2	4.9	4.6	4.4	4.1	3.9	3.7	3.4	2.9	2.3	1.6

TABELA 8d

ACO CA-50A delta=0.10 n'= 10 ni= 2

ni=	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40

w=1.4 Valores de mi ni0= 2.35

teta=																							
1.0	.071	.080	.089	.097	.103	.107	.108	.108	.105	.102	.099	.096	.093	.089	.086	.082	.079	.075	.071	.066	.062	.046	
1.5	.105	.114	.123	.131	.137	.143	.147	.150	.150	.150	.147	.143	.138	.133	.128	.122	.116	.110	.104	.097	.087		
2.0	.138	.147	.155	.163	.170	.175	.180	.183	.186	.186	.186	.184	.180	.174	.167	.160	.153	.143	.132	.118	.102		
2.5	.170	.179	.186	.194	.200	.205	.210	.214	.216	.217	.217	.216	.213	.209	.203	.193	.181	.166	.151	.133	.113		
3.0	.202	.210	.217	.223	.229	.234	.238	.241	.244	.245	.245	.244	.240	.234	.226	.214	.201	.184	.164	.143			
3.5	.232	.239	.246	.252	.257	.261	.265	.267	.269	.270	.269	.265	.260	.251	.241	.229	.213	.196	.175				
4.0	.262	.268	.274	.279	.283	.287	.290	.292	.293	.290	.287	.282	.274	.265	.253	.239							
4.5	.286	.295	.301	.305	.309	.312	.314	.313	.311	.308	.302	.295	.287	.275									
5.0	.306	.314	.322	.330	.333	.333	.332	.331	.328	.322	.315	.307											
6.0	.334	.345	.355	.360	.363	.365	.365	.359															
7.0	.354	.365	.372	.378	.383																		
8.0	.365	.375																					
mief=	.373	.378	.384	.384	.383	.378	.371	.362	.349	.336	.323	.310	.294	.278	.261	.242	.223	.201	.176	.146	.115	.054	
tetaf=	8.8	8.3	7.8	7.4	7.0	6.7	6.4	6.1	5.8	5.6	5.3	5.1	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.1	2.6	1.4	

w=1.6 Valores de mi ni0= 2.55

teta=																							
1.0	.078	.087	.095	.102	.108	.112	.114	.115	.113	.110	.107	.104	.102	.098	.095	.092	.089	.085	.082	.078	.074	.066	.048
1.5	.115	.124	.132	.139	.146	.151	.155	.158	.160	.160	.158	.155	.151	.146	.142	.137	.132	.127	.121	.116	.110	.090	
2.0	.152	.160	.168	.175	.181	.187	.191	.195	.197	.199	.199	.198	.195	.192	.187	.180	.173	.166	.158	.148	.136	.105	
2.5	.188	.195	.203	.209	.215	.220	.225	.228	.231	.232	.233	.233	.231	.228	.225	.219	.210	.199	.185	.170	.154		
3.0	.223	.230	.236	.242	.247	.252	.256	.259	.262	.263	.264	.263	.262	.258	.252	.244	.233	.220	.205	.186	.167		
3.5	.257	.263	.269	.274	.279	.283	.286	.289	.291	.292	.292	.289	.285	.280	.272	.261	.250	.235	.218	.199			
4.0	.289	.295	.300	.304	.308	.312	.314	.317	.318	.316	.313	.310	.304	.296	.287	.275	.261	.246					
4.5	.317	.325	.330	.333	.337	.340	.342	.341	.339	.337	.333	.326	.318	.310	.298								
5.0	.339	.347	.355	.362	.364	.365	.363	.361	.359	.354	.347	.340	.332										
6.0	.372	.383	.391	.395	.398	.400	.400	.395															
7.0	.394	.404	.410	.417	.420																		
8.0	.406	.417																					
mief=	.413	.418	.424	.423	.421	.416	.408	.400	.387	.374	.361	.348	.333	.317	.301	.284	.266	.247	.226	.202	.175	.113	.053
tetaf=	8.6	8.1	7.7	7.4	7.0	6.7	6.4	6.2	5.9	5.7	5.5	5.3	5.1	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	2.4	1.2

w=1.8 Valores de mi ni0= 2.74

teta=																							
1.0	.085	.093	.101	.108	.113	.117	.120	.121	.120	.118	.115	.113	.110	.107	.104	.101	.098	.095	.092	.089	.085	.078	.071
1.5	.126	.134	.141	.148	.154	.159	.163	.167	.169	.169	.169	.167	.164	.160	.155	.151	.146	.142	.137	.132	.127	.115	.093
2.0	.166	.174	.180	.187	.193	.198	.202	.206	.209	.211	.212	.211	.210	.207	.204	.199	.193	.187	.180	.173	.164	.140	.107
2.5	.205	.212	.219	.225	.230	.235	.239	.243	.245	.247	.249	.249	.248	.246	.244	.240	.235	.226	.216	.204	.189	.157	
3.0	.243	.250	.255	.261	.266	.270	.274	.277	.280	.281	.282	.283	.282	.281	.276	.270	.263	.252	.240	.226	.208	.169	
3.5	.280	.286	.291	.296	.300	.304	.307	.310	.312	.313	.314	.314	.310	.306	.300	.292	.282	.271	.256	.240	.223		
4.0	.316	.321	.325	.330	.333	.336	.339	.341	.343	.343	.340	.337	.333	.326	.317	.308	.297	.283	.268				
4.5	.348	.355	.359	.362	.365	.368	.370	.370	.368	.365	.362	.357	.350	.342	.333	.321							
5.0	.372	.380	.387	.393	.396	.396	.395	.393	.390	.387	.380	.373	.365	.357									
6.0	.410	.420	.428	.431	.433	.435	.435	.432	.425														
7.0	.435	.442	.449	.455	.458																		
8.0	.448	.458																					
mief=	.453	.458	.462	.461	.458	.453	.446	.438	.426	.413	.399	.386	.372	.357	.341	.324	.307	.289	.270	.250	.227	.172	.111
tetaf=	8.4	8.0	7.6	7.3	7.0	6.7	6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.1	2.2

w=2.0 Valores de mi ni0= 2.93

teta=																							
1.0	.092	.100	.107	.113	.119	.123	.126	.127	.127	.125	.123	.121	.118	.115	.113	.110	.107	.104	.102	.099	.096	.089	.083
1.5	.136	.144	.151	.157	.163	.168	.172	.175	.177	.179	.179	.178	.176	.172	.168	.164	.160	.156	.151	.147	.142	.133	.120
2.0	.180	.187	.193	.199	.205	.210	.214	.218	.220	.223	.224	.224	.224	.222	.219	.216	.211	.205	.200	.194	.188	.169	.144
2.5	.222	.229	.234	.240	.245	.250	.254	.257	.260	.262	.264	.265	.265	.264	.262	.259	.256	.251	.243	.233	.222	.194	.160
3.0	.264	.269	.275	.280	.284	.288	.292	.295	.298	.300	.301	.301	.301	.301	.299	.294	.288	.281	.271	.259	.246	.211	
3.5	.304	.309	.314	.318	.322	.326	.329	.331	.333	.335	.336	.336	.335	.331	.326	.321	.312	.302	.291	.278	.262	.226	
4.0	.342	.347	.351	.355	.358	.361	.364	.366	.367	.369	.366	.363	.360	.356	.348	.339	.330	.319	.305	.291			
4.5	.379	.384	.387	.390	.393	.396	.398	.399	.396	.394	.391	.388	.381	.373	.365	.357	.344						
5.0	.405	.412	.419	.425	.427	.428	.426	.424	.421	.418	.413	.406	.398	.391									
6.0	.447	.457	.464	.466	.468	.470	.471	.468	.462														
7.0	.475	.481	.487	.493	.496																		
8.0	.489																						
mief=	.493	.498	.501	.499	.496	.491	.483	.475	.465	.451	.438	.424	.410	.396	.381	.364	.347	.330	.312	.293	.274	.228	.170
tetaf=	8.3	7.9	7.6	7.3	7.0	6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.4	4.3	4.1	3.9	3.6	2.9

TABELA 9a

ACO CA-50A delta=0.15 n'= 10 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.1											Valores de mi												ni0= 1.10
teta=1.0	.009	.037	.055	.065	.066	.062	.056	.050	.042	.034	.022												
1.5	.014	.043	.064	.079	.087	.088	.082	.072	.060	.046	.028												
2.0	.018	.048	.071	.088	.099	.103	.100	.090	.074	.055	.032												
2.5	.023	.052	.076	.095	.107	.113	.111	.102	.085	.061													
3.0	.027	.057	.081	.100	.113	.119	.118	.109	.091	.066													
3.5	.031	.061	.085	.105	.118	.124	.123	.113	.095														
4.0	.033	.064	.089	.109	.122	.127	.126	.116															
4.5	.035	.067	.093	.112	.124	.130	.128																
5.0	.036	.069	.096	.115	.127	.132	.130																
6.0	.038	.072	.100	.119	.131																		
7.0	.040	.074	.102	.121	.133																		
8.0	.041	.076	.103	.123																			
mief=	.043	.079	.106	.124	.134	.135	.130	.118	.098	.068	.033												
tetaf=	14.0	15.8	11.4	8.7	7.1	5.9	5.1	4.4	3.9	3.4	2.3												
w=0.2											Valores de mi												ni0= 1.19
teta=1.0	.016	.040	.057	.066	.069	.066	.060	.055	.048	.041	.032	.021											
1.5	.023	.048	.067	.081	.089	.092	.088	.080	.070	.058	.045	.027											
2.0	.031	.055	.076	.091	.102	.107	.107	.100	.088	.072	.054	.031											
2.5	.039	.063	.083	.100	.112	.118	.119	.113	.101	.082	.060												
3.0	.046	.070	.090	.107	.119	.126	.127	.122	.110	.090	.064												
3.5	.053	.077	.097	.113	.125	.132	.132	.127	.114	.095													
4.0	.058	.083	.103	.119	.130	.136	.137	.131	.118														
4.5	.062	.088	.109	.124	.135	.140	.140	.133															
5.0	.065	.092	.113	.129	.139	.143	.142																
6.0	.069	.097	.119	.135	.145	.149																	
7.0	.072	.100	.123	.139	.149																		
8.0	.074	.103	.126	.142																			
mief=	.079	.108	.129	.142	.149	.149	.144	.134	.119	.096	.065	.031											
tetaf=	15.3	13.0	10.1	8.3	7.0	6.1	5.4	4.7	4.2	3.7	3.2	2.1											
w=0.3											Valores de mi												ni0= 1.29
teta=1.0	.021	.042	.058	.068	.072	.069	.064	.059	.053	.047	.040	.031	.020										
1.5	.031	.053	.070	.083	.092	.095	.093	.087	.078	.068	.057	.044	.027										
2.0	.042	.063	.081	.095	.105	.111	.112	.109	.099	.086	.071	.053											
2.5	.052	.072	.090	.105	.116	.123	.125	.122	.114	.100	.081	.059											
3.0	.061	.081	.099	.114	.125	.132	.134	.132	.124	.110	.089												
3.5	.071	.090	.108	.122	.133	.139	.141	.139	.130	.115	.094												
4.0	.078	.099	.116	.129	.139	.145	.147	.143	.134	.119													
4.5	.084	.106	.123	.136	.145	.150	.151	.147															
5.0	.089	.111	.129	.142	.150	.155	.155																
6.0	.095	.119	.137	.151	.159	.162																	
7.0	.099	.123	.142	.156	.165																		
8.0	.102	.126	.146	.160																			
mief=	.109	.132	.149	.160	.165	.164	.158	.150	.137	.119	.095	.063	.030										
tetaf=	14.3	11.4	9.5	8.1	7.0	6.3	5.6	5.0	4.5	4.0	3.6	3.0	1.9										
w=0.4											Valores de mi												ni0= 1.39
teta=1.0	.026	.045	.060	.069	.074	.073	.068	.063	.058	.053	.046	.039	.031	.021									
1.5	.038	.057	.074	.086	.094	.098	.098	.093	.085	.077	.067	.056	.044	.027									
2.0	.051	.069	.086	.099	.109	.115	.117	.115	.109	.098	.085	.070	.052										
2.5	.063	.081	.097	.111	.121	.128	.131	.130	.125	.115	.099	.080	.058										
3.0	.075	.092	.108	.121	.131	.138	.141	.141	.136	.125	.109	.088											
3.5	.086	.103	.118	.131	.140	.147	.150	.149	.143	.132	.116	.093											
4.0	.096	.113	.128	.139	.148	.154	.156	.155	.148	.137													
4.5	.104	.122	.137	.147	.155	.161	.162	.160	.152														
5.0	.109	.129	.144	.155	.162	.166	.167	.163															
6.0	.118	.138	.154	.166	.174	.176																	
7.0	.123	.144	.161	.173	.180																		
8.0	.127	.148	.165																				
mief=	.135	.155	.169	.177	.181	.179	.173	.164	.154	.139	.119	.093	.061	.028									
tetaf=	12.5	10.5	9.0	7.9	7.0	6.3	5.8	5.2	4.7	4.3	3.9	3.5	2.8	1.7									

TABELA 9b

ACO CA-50A delta=0.15 n'= 10 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40

w=0.5 Valores de mi ni0= 1.48

teta=1.0	.030	.048	.061	.071	.076	.076	.072	.067	.063	.058	.052	.046	.039	.031	.021
1.5	.045	.062	.077	.089	.097	.101	.102	.099	.092	.084	.076	.066	.056	.044	.027
2.0	.059	.076	.091	.103	.113	.119	.122	.122	.117	.108	.097	.084	.070	.052	
2.5	.073	.089	.104	.116	.126	.133	.137	.137	.134	.126	.115	.099	.080	.058	
3.0	.086	.102	.116	.128	.138	.144	.148	.149	.146	.139	.127	.109	.087		
3.5	.100	.115	.128	.139	.148	.154	.158	.158	.154	.147	.134	.116			
4.0	.112	.126	.139	.149	.157	.163	.166	.165	.161	.152	.139				
4.5	.121	.137	.149	.159	.166	.171	.173	.171	.166	.156					
5.0	.128	.145	.158	.167	.174	.178	.179	.176							
6.0	.139	.156	.171	.181	.188	.190									
7.0	.146	.163	.179	.190	.196										
8.0	.150	.169	.184												
mief=	.158	.175	.187	.194	.196	.194	.187	.179	.169	.156	.140	.119	.091	.059	.027
tetaf=	11.4	9.9	8.7	7.8	7.0	6.4	5.9	5.4	4.9	4.5	4.1	3.8	3.4	2.6	1.6

w=0.6 Valores de mi ni0= 1.58

teta=1.0	.034	.050	.063	.073	.078	.079	.075	.071	.067	.062	.057	.052	.046	.039	.031	.022
1.5	.051	.066	.080	.091	.099	.104	.106	.104	.098	.091	.084	.075	.066	.056	.044	
2.0	.067	.082	.096	.107	.116	.123	.126	.127	.124	.118	.108	.096	.084	.070	.052	
2.5	.082	.097	.110	.122	.131	.138	.142	.143	.141	.136	.128	.115	.098	.080		
3.0	.097	.112	.124	.135	.144	.151	.155	.156	.154	.150	.141	.127	.109	.087		
3.5	.112	.125	.137	.148	.156	.162	.165	.167	.165	.159	.149	.135	.116			
4.0	.126	.139	.150	.159	.167	.172	.175	.176	.172	.166	.155					
4.5	.137	.152	.162	.170	.176	.181	.184	.183	.179	.171						
5.0	.146	.160	.172	.180	.186	.190	.191	.189	.183							
6.0	.158	.174	.187	.196	.202	.203	.202									
7.0	.166	.182	.196	.206	.212											
8.0	.171	.189	.203													
mief=	.180	.195	.205	.210	.212	.209	.202	.194	.184	.173	.158	.140	.118	.089	.057	.026
tetaf=	10.7	9.5	8.5	7.7	7.0	6.5	6.0	5.5	5.1	4.7	4.3	4.0	3.7	3.2	2.4	1.4

w=0.7 Valores de mi ni0= 1.68

teta=1.0	.038	.053	.065	.074	.080	.081	.079	.075	.071	.066	.062	.057	.052	.046	.039	.032	.022
1.5	.056	.071	.083	.094	.102	.107	.110	.109	.104	.098	.091	.083	.075	.066	.057	.045	
2.0	.074	.088	.100	.111	.120	.127	.131	.132	.130	.126	.118	.107	.096	.085	.070	.052	
2.5	.091	.104	.117	.127	.136	.143	.147	.149	.149	.145	.138	.129	.115	.098	.079		
3.0	.108	.121	.132	.142	.151	.157	.161	.163	.163	.160	.153	.143	.128	.108	.086		
3.5	.124	.136	.147	.156	.164	.170	.173	.175	.174	.170	.163	.151	.136	.116			
4.0	.140	.151	.161	.169	.176	.181	.184	.185	.183	.179	.170	.158					
4.5	.152	.165	.174	.181	.187	.191	.194	.194	.191	.185	.175						
5.0	.163	.175	.186	.192	.198	.201	.202	.201	.197								
6.0	.176	.190	.202	.210	.217	.217	.217										
7.0	.185	.201	.213	.222	.227												
8.0	.192	.208	.221														
mief=	.201	.214	.222	.226	.227	.225	.218	.209	.200	.189	.176	.160	.140	.117	.087	.056	.025
tetaf=	10.1	9.1	8.3	7.6	7.0	6.5	6.1	5.7	5.3	4.9	4.5	4.2	3.9	3.6	3.1	2.3	1.3

w=0.8 Valores de mi ni0= 1.77

teta=1.0	.041	.055	.067	.076	.081	.084	.082	.078	.075	.070	.066	.062	.057	.052	.046	.040	.033	.023
1.5	.061	.075	.087	.097	.105	.110	.113	.113	.110	.104	.098	.091	.083	.075	.067	.058	.045	
2.0	.081	.094	.105	.116	.124	.131	.135	.137	.136	.133	.126	.117	.108	.097	.085	.071	.053	
2.5	.099	.112	.123	.133	.141	.148	.153	.155	.155	.153	.148	.140	.129	.115	.098	.079		
3.0	.118	.129	.140	.149	.157	.163	.168	.170	.170	.168	.164	.156	.144	.128	.108			
3.5	.135	.146	.156	.165	.172	.177	.181	.183	.183	.181	.175	.166	.154	.137	.116			
4.0	.152	.162	.171	.179	.185	.190	.193	.195	.194	.190	.183	.173	.160					
4.5	.167	.177	.186	.192	.198	.202	.205	.205	.203	.198	.190							
5.0	.178	.189	.199	.205	.210	.213	.214	.213	.210	.204								
6.0	.194	.207	.217	.225	.231	.231	.231											
7.0	.204	.219	.230	.238	.243													
8.0	.212	.227	.239															
mief=	.221	.232	.239	.243	.243	.240	.233	.224	.215	.204	.192	.178	.161	.141	.116	.085	.054	.024
tetaf=	9.8	8.9	8.2	7.6	7.0	6.6	6.2	5.8	5.4	5.1	4.7	4.4	4.1	3.8	3.5	2.9	2.1	1.2

TABELA 9c

ACO CA-50A delta=0.15 n'= 10 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.9											Valores de mi												ni0= 1.87
teta=1.0	.045	.058	.069	.077	.083	.086	.085	.082	.078	.074	.070	.066	.062	.057	.052	.047	.041	.034	.023				
1.5	.066	.079	.090	.100	.108	.113	.116	.117	.115	.110	.104	.098	.091	.084	.076	.068	.059	.046					
2.0	.087	.099	.110	.120	.128	.134	.139	.141	.141	.139	.134	.127	.118	.108	.098	.086	.071	.053					
2.5	.108	.119	.129	.139	.147	.153	.158	.161	.161	.160	.156	.150	.142	.130	.116	.099	.080						
3.0	.127	.138	.148	.156	.164	.170	.174	.177	.178	.177	.174	.168	.158	.145	.128	.108							
3.5	.146	.156	.165	.173	.180	.185	.189	.191	.192	.191	.186	.180	.169	.155	.137								
4.0	.164	.173	.182	.189	.195	.199	.202	.204	.205	.201	.196	.188	.176										
4.5	.181	.190	.197	.203	.208	.212	.215	.216	.214	.211	.203	.194											
5.0	.193	.203	.212	.217	.221	.225	.227	.225	.223	.217													
6.0	.211	.223	.232	.240	.245	.246	.245																
7.0	.223	.236	.247	.254	.258																		
8.0	.231	.245	.256																				
mief=	.241	.250	.257	.259	.259	.256	.249	.240	.230	.220	.208	.195	.179	.161	.140	.114	.083	.053	.024				
tetaf=	9.5	8.7	8.0	7.5	7.0	6.6	6.2	5.9	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.4	2.8	2.0	1.1				
w=1.0											Valores de mi												ni0= 1.97
teta=1.0	.048	.060	.071	.079	.085	.088	.088	.085	.082	.078	.074	.070	.066	.062	.057	.052	.047	.042	.035				
1.5	.071	.083	.094	.103	.110	.116	.119	.121	.119	.116	.110	.104	.098	.091	.084	.077	.069	.060	.046				
2.0	.094	.105	.115	.124	.132	.138	.143	.146	.146	.145	.141	.135	.127	.118	.109	.099	.087	.072					
2.5	.115	.126	.136	.144	.152	.158	.163	.166	.167	.167	.164	.160	.153	.144	.131	.116	.099	.080					
3.0	.136	.146	.155	.164	.171	.176	.181	.184	.185	.184	.182	.179	.171	.161	.146	.128	.109						
3.5	.157	.166	.174	.182	.188	.193	.197	.199	.200	.200	.197	.191	.183	.171	.156	.138							
4.0	.176	.184	.192	.199	.204	.208	.212	.214	.214	.212	.208	.201	.191	.179									
4.5	.194	.202	.209	.214	.219	.223	.226	.227	.225	.222	.217	.209											
5.0	.207	.217	.224	.229	.233	.237	.239	.237	.235	.231	.224												
6.0	.227	.239	.247	.254	.260	.260	.259																
7.0	.241	.253	.263	.270	.274																		
8.0	.250	.264																					
mief=	.260	.267	.273	.275	.274	.271	.264	.255	.245	.235	.224	.212	.197	.181	.162	.140	.112	.082	.052	.023			
tetaf=	9.2	8.5	8.0	7.5	7.0	6.6	6.3	6.0	5.6	5.3	5.0	4.7	4.4	4.2	3.9	3.6	3.3	2.6	1.9	1.0			
w=1.1											Valores de mi												ni0= 2.06
teta=1.0	.051	.063	.073	.081	.087	.090	.091	.088	.085	.082	.078	.074	.071	.067	.062	.058	.053	.048	.043	.036			
1.5	.076	.087	.097	.106	.113	.119	.122	.124	.124	.121	.116	.110	.104	.098	.092	.085	.078	.071	.061	.047			
2.0	.100	.110	.120	.129	.136	.142	.147	.150	.151	.151	.148	.143	.136	.128	.119	.111	.100	.088	.072				
2.5	.123	.133	.142	.150	.158	.164	.168	.172	.173	.173	.172	.168	.162	.155	.145	.132	.117	.100					
3.0	.145	.155	.163	.171	.177	.183	.187	.190	.192	.192	.191	.188	.182	.174	.162	.147	.129	.109					
3.5	.167	.175	.183	.190	.196	.201	.205	.207	.209	.209	.207	.202	.196	.186	.174	.157	.138						
4.0	.187	.195	.202	.208	.214	.218	.221	.223	.224	.223	.219	.214	.205	.195	.181								
4.5	.207	.214	.220	.225	.230	.233	.236	.238	.237	.234	.230	.222	.213										
5.0	.222	.231	.237	.242	.245	.248	.251	.250	.248	.244	.237												
6.0	.243	.254	.262	.269	.274	.274	.273	.270															
7.0	.259	.270	.280	.286	.290																		
8.0	.269	.282																					
mief=	.278	.284	.289	.291	.290	.287	.280	.270	.261	.250	.239	.228	.214	.199	.182	.162	.139	.110	.080	.051	.023		
tetaf=	9.0	8.4	7.9	7.4	7.0	6.7	6.3	6.0	5.7	5.4	5.1	4.9	4.6	4.3	4.1	3.8	3.6	3.1	2.5	1.8	0.9		
w=1.2											Valores de mi												ni0= 2.16
teta=1.0	.054	.065	.075	.083	.089	.092	.093	.092	.088	.085	.082	.078	.075	.071	.067	.063	.059	.054	.049	.044	.037		
1.5	.080	.091	.100	.109	.116	.122	.125	.127	.128	.126	.121	.116	.111	.105	.099	.093	.086	.079	.072	.062	.047		
2.0	.106	.116	.125	.133	.140	.146	.151	.154	.156	.156	.154	.150	.145	.137	.129	.121	.112	.102	.089	.073			
2.5	.130	.140	.148	.156	.163	.169	.174	.177	.179	.180	.178	.176	.171	.165	.158	.146	.133	.117	.100				
3.0	.154	.163	.171	.178	.184	.190	.194	.197	.199	.199	.199	.196	.193	.186	.176	.163	.148	.129					
3.5	.177	.185	.192	.199	.204	.209	.213	.215	.217	.217	.216	.213	.207	.199	.188	.175	.158	.138					
4.0	.199	.206	.212	.218	.223	.227	.230	.232	.233	.233	.230	.226	.219	.209	.197								
4.5	.220	.226	.232	.236	.241	.244	.247	.248	.248	.246	.242	.235	.227										
5.0	.235	.244	.250	.254	.257	.260	.262	.262	.260	.257	.251												
6.0	.259	.270	.277	.283	.288	.288	.287	.285															
7.0	.277	.287	.296	.302	.305																		
8.0	.288	.299	.308																				
mief=	.295	.302	.305	.307	.305	.302	.295	.286	.276	.266	.255	.242	.231	.216	.200	.182	.162	.139	.109	.079	.050		
tetaf=	8.8	8.3	7.8	7.4	7.0	6.7	6.4	6.1	5.8	5.5	5.2	5.0	4.7	4.5	4.2	4.0	3.7	3.5	3.0	2.4	1.7		

TABELA 9d

ACO CA-50A delta=0.15 n'= 10 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=1.4											Valores de mi												ni0= 2.35
teta=1.0	.060	.070	.079	.087	.092	.096	.098	.097	.095	.092	.089	.086	.082	.079	.076	.072	.068	.064	.060	.056	.051	.039	
1.5	.089	.099	.107	.115	.122	.127	.131	.134	.135	.134	.132	.127	.122	.117	.112	.107	.101	.095	.089	.083	.075		
2.0	.117	.126	.135	.142	.149	.155	.159	.163	.165	.166	.165	.163	.159	.154	.147	.139	.132	.124	.115	.104	.091		
2.5	.145	.153	.161	.168	.174	.180	.184	.188	.190	.191	.191	.190	.187	.183	.178	.171	.160	.149	.134	.119	.101		
3.0	.171	.179	.186	.192	.198	.203	.207	.210	.213	.214	.214	.213	.211	.207	.200	.192	.180	.166	.149	.130			
3.5	.196	.203	.210	.216	.221	.225	.229	.231	.233	.234	.234	.233	.229	.224	.216	.205	.193	.178	.160				
4.0	.221	.227	.233	.238	.242	.246	.249	.251	.252	.253	.252	.248	.244	.236	.227	.216	.202						
4.5	.244	.249	.254	.258	.262	.265	.268	.269	.271	.268	.265	.261	.254	.246									
5.0	.263	.270	.275	.278	.281	.284	.286	.286	.284	.282	.278	.271											
6.0	.291	.300	.306	.312	.317	.316	.315	.313															
7.0	.310	.320	.328	.334	.336																		
8.0	.325	.335																					
mief=	.330	.336	.338	.339	.337	.333	.327	.318	.307	.297	.286	.275	.263	.250	.236	.220	.203	.184	.162	.135	.106	.049	
tetaf=	8.6	8.1	7.7	7.3	7.0	6.7	6.4	6.2	5.9	5.7	5.4	5.2	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.3	2.8	1.5	
w=1.6											Valores de mi												ni0= 2.55
teta=1.0	.066	.075	.083	.090	.096	.100	.102	.103	.101	.098	.096	.093	.090	.087	.084	.080	.077	.074	.070	.066	.062	.054	.041
1.5	.098	.106	.114	.122	.128	.133	.138	.140	.142	.142	.141	.138	.133	.129	.124	.119	.114	.109	.104	.098	.092	.078	
2.0	.129	.137	.144	.151	.158	.163	.168	.171	.174	.175	.175	.174	.172	.168	.163	.156	.150	.143	.136	.128	.118	.092	
2.5	.158	.166	.173	.180	.185	.191	.195	.199	.201	.203	.204	.203	.202	.199	.195	.190	.184	.174	.163	.151	.137	.103	
3.0	.187	.194	.201	.207	.212	.217	.221	.224	.226	.228	.228	.228	.227	.225	.222	.215	.207	.196	.183	.168	.150		
3.5	.215	.221	.227	.232	.237	.241	.245	.247	.249	.250	.251	.251	.250	.245	.240	.233	.222	.211	.197	.180	.161		
4.0	.242	.247	.252	.257	.261	.264	.267	.269	.271	.272	.272	.270	.266	.261	.254	.245	.235	.221					
4.5	.267	.272	.276	.280	.284	.286	.289	.291	.292	.291	.288	.285	.280	.273	.265	.255							
5.0	.290	.296	.299	.303	.305	.308	.310	.311	.309	.307	.304	.298	.291										
6.0	.322	.329	.336	.341	.346	.345	.343	.341	.338														
7.0	.344	.354	.361	.366	.368																		
8.0	.361																						
mief=	.364	.369	.370	.371	.368	.364	.358	.349	.339	.328	.317	.306	.294	.282	.270	.255	.239	.223	.204	.185	.161	.103	.047
tetaf=	8.4	8.0	7.6	7.3	7.0	6.7	6.5	6.3	6.0	5.8	5.6	5.4	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	2.5	1.3
w=1.8											Valores de mi												ni0= 2.74
teta=1.0	.072	.080	.088	.094	.100	.104	.107	.108	.107	.105	.102	.099	.097	.094	.091	.088	.085	.082	.079	.075	.072	.065	.057
1.5	.106	.114	.121	.128	.134	.139	.144	.147	.149	.149	.149	.147	.144	.140	.135	.131	.126	.122	.117	.112	.107	.097	.080
2.0	.140	.147	.154	.160	.166	.171	.176	.180	.182	.184	.185	.185	.183	.181	.177	.172	.166	.160	.154	.147	.141	.122	.094
2.5	.172	.179	.185	.191	.197	.202	.206	.209	.212	.214	.215	.216	.215	.213	.211	.207	.202	.197	.188	.178	.167	.139	
3.0	.203	.210	.216	.221	.226	.230	.234	.237	.240	.242	.243	.243	.242	.241	.239	.236	.230	.222	.213	.200	.186	.152	
3.5	.234	.239	.245	.249	.254	.258	.261	.263	.265	.267	.268	.268	.267	.266	.261	.256	.249	.239	.228	.215	.200		
4.0	.263	.268	.272	.276	.280	.283	.286	.288	.290	.291	.291	.291	.288	.284	.279	.271	.263	.253	.240				
4.5	.291	.295	.299	.302	.305	.308	.310	.312	.313	.314	.311	.308	.305	.299	.292	.284	.274						
5.0	.316	.321	.324	.327	.329	.332	.333	.335	.333	.331	.328	.325	.319	.312									
6.0	.353	.359	.365	.370	.375	.374	.372	.370	.367														
7.0	.377	.387	.393	.397	.399																		
8.0	.396																						
mief=	.398	.401	.402	.402	.399	.395	.390	.381	.370	.359	.348	.337	.326	.314	.302	.289	.275	.259	.242	.225	.206	.158	.101
tetaf=	8.2	7.9	7.6	7.3	7.0	6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	4.0	3.8	3.3	2.3
w=2.0											Valores de mi												ni0= 2.93
teta=1.0	.077	.085	.092	.098	.104	.108	.111	.112	.112	.111	.108	.106	.103	.101	.098	.095	.093	.090	.087	.084	.081	.075	.068
1.5	.114	.122	.128	.135	.141	.146	.150	.153	.155	.156	.157	.156	.153	.150	.146	.142	.138	.133	.129	.125	.120	.111	.101
2.0	.150	.157	.164	.170	.175	.180	.184	.188	.191	.193	.194	.195	.194	.192	.190	.186	.182	.176	.170	.164	.158	.145	.124
2.5	.185	.192	.198	.203	.208	.213	.217	.220	.223	.226	.227	.228	.228	.227	.225	.222	.219	.214	.209	.202	.192	.169	.141
3.0	.219	.225	.230	.235	.240	.244	.248	.251	.253	.255	.257	.257	.257	.256	.255	.253	.250	.244	.237	.228	.217	.188	.153
3.5	.252	.257	.262	.266	.270	.274	.277	.280	.282	.283	.284	.285	.285	.284	.282	.277	.272	.266	.256	.245	.233	.202	
4.0	.283	.288	.292	.296	.299	.302	.305	.307	.308	.310	.310	.311	.309	.306	.302	.297	.289	.280	.271	.258	.245		
4.5	.314	.317	.321	.324	.327	.329	.331	.333	.334	.335	.334	.332	.328	.325	.318	.311	.303	.293					
5.0	.342	.346	.348	.351	.353	.356	.357	.359	.358	.356	.353	.350	.346	.339	.332								
6.0	.382	.388	.394	.399	.403	.402	.400	.398	.396														
7.0	.411	.419	.425	.428	.430																		
8.0	.431																						
mief=	.432	.433	.434	.434	.430	.426	.421	.412	.402	.391	.380	.369	.357	.345	.334	.321	.309	.294	.278	.262	.245	.207	.155
tetaf=	8.1	7.8	7.5	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.7	3.1

TABELA 10a

ACO CA-50B delta=0.05 n'= 2 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.1											Valores de mi												ni0= 1.08
teta=1.0	.017	.044	.063	.072	.074	.069	.063	.057	.050	.039	.024												
1.5	.025	.054	.075	.090	.098	.099	.093	.082	.069	.053	.030												
2.0	.033	.062	.086	.103	.113	.118	.114	.102	.083	.061	.034												
2.5	.036	.070	.095	.113	.125	.130	.126	.114	.093	.067													
3.0	.039	.074	.102	.122	.135	.139	.134	.122	.100	.072													
3.5	.041	.077	.107	.130	.142	.145	.140	.127	.105														
4.0	.042	.080	.110	.134	.148	.150	.145	.131															
4.5	.044	.082	.113	.137	.151	.155	.148																
5.0	.045	.083	.116	.139	.154	.158																	
6.0	.045	.086	.119	.143	.157																		
7.0	.045	.087	.121	.146	.160																		
8.0	.045	.087	.122	.147																			
mief=	.046	.088	.124	.148	.160	.161	.151	.132	.107	.073	.034												
tetaf=	11.6	12.8	13.8	9.3	7.1	5.7	4.9	4.3	3.8	3.2	2.1												
w=0.2											Valores de mi												ni0= 1.16
teta=1.0	.030	.054	.071	.081	.084	.080	.075	.069	.063	.055	.042	.024											
1.5	.046	.070	.089	.103	.111	.114	.110	.101	.089	.074	.055	.029											
2.0	.061	.085	.105	.121	.132	.137	.135	.125	.109	.088	.063												
2.5	.069	.099	.120	.137	.148	.153	.150	.140	.122	.097	.069												
3.0	.075	.107	.134	.151	.162	.165	.161	.150	.131	.105													
3.5	.079	.113	.141	.163	.173	.175	.170	.157	.138	.111													
4.0	.082	.117	.147	.170	.182	.183	.177	.163															
4.5	.085	.121	.151	.174	.188	.191	.183																
5.0	.088	.124	.155	.178	.192	.196	.188																
6.0	.090	.129	.161	.184	.197																		
7.0	.090	.130	.164	.188	.202																		
8.0	.090	.131	.165	.191																			
mief=	.091	.133	.168	.192	.202	.201	.188	.167	.142	.111	.072	.031											
tetaf=	12.0	12.9	13.5	9.2	7.1	5.8	5.0	4.4	3.9	3.5	2.8	1.7											
w=0.3											Valores de mi												ni0= 1.25
teta=1.0	.043	.064	.080	.090	.094	.091	.086	.081	.076	.069	.059	.044	.022										
1.5	.065	.086	.104	.117	.125	.128	.127	.120	.109	.095	.078	.056											
2.0	.086	.107	.125	.139	.150	.156	.155	.148	.133	.114	.091	.064											
2.5	.101	.128	.146	.160	.171	.177	.174	.166	.150	.127	.101												
3.0	.109	.140	.165	.180	.190	.193	.189	.178	.161	.137	.108												
3.5	.116	.148	.175	.197	.205	.206	.200	.188	.170	.145													
4.0	.121	.154	.183	.205	.217	.217	.209	.196	.177														
4.5	.125	.160	.190	.212	.224	.227	.218	.203															
5.0	.130	.165	.195	.217	.230	.233	.225																
6.0	.133	.173	.203	.225	.238																		
7.0	.134	.174	.208	.231	.244																		
8.0	.134	.175	.209	.235																			
mief=	.135	.177	.212	.236	.244	.241	.226	.204	.178	.148	.112	.070	.026										
tetaf=	12.2	13.1	13.3	9.1	7.1	5.9	5.1	4.6	4.1	3.7	3.2	2.4	1.3										
w=0.4											Valores de mi												ni0= 1.33
teta=1.0	.055	.074	.089	.099	.103	.102	.098	.093	.088	.082	.074	.062	.044										
1.5	.083	.102	.118	.130	.139	.143	.142	.137	.128	.115	.100	.080	.056										
2.0	.110	.128	.145	.158	.168	.174	.176	.170	.157	.139	.118	.093	.065										
2.5	.132	.155	.171	.184	.195	.200	.199	.191	.177	.157	.131	.103											
3.0	.143	.172	.195	.209	.218	.220	.216	.206	.190	.169	.142												
3.5	.152	.183	.209	.230	.238	.237	.230	.218	.201	.179	.151												
4.0	.159	.191	.220	.241	.252	.251	.242	.229	.210														
4.5	.165	.198	.228	.249	.261	.263	.253	.238															
5.0	.171	.205	.234	.255	.268	.271	.263																
6.0	.177	.216	.245	.266	.278																		
7.0	.178	.218	.251	.274	.286																		
8.0	.179	.219	.253	.278																			
mief=	.180	.221	.256	.280	.286	.281	.266	.241	.214	.185	.151	.110	.066	.019									
tetaf=	12.4	13.2	13.0	9.0	7.1	5.9	5.2	4.7	4.3	3.9	3.5	2.9	2.1	1.0									

TABELA 10b

ACO CA-50B delta=0.05 n'= 2 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40

w=0.5 Valores de mi ni0= 1.41

teta=1.0	.067	.084	.098	.108	.113	.113	.109	.104	.100	.094	.089	.078	.063	.043	
1.5	.100	.117	.132	.144	.152	.157	.158	.154	.147	.135	.121	.103	.082	.055	
2.0	.133	.149	.164	.177	.186	.193	.196	.191	.181	.164	.144	.121	.095		
2.5	.162	.181	.196	.208	.218	.224	.223	.216	.203	.185	.161	.134	.105		
3.0	.177	.204	.226	.239	.247	.248	.244	.234	.220	.200	.175	.145			
3.5	.188	.218	.244	.264	.270	.268	.261	.249	.233	.211	.185				
4.0	.197	.228	.256	.277	.287	.285	.276	.262	.244	.221					
4.5	.205	.237	.266	.286	.298	.300	.289	.273							
5.0	.212	.245	.274	.294	.306	.309	.301								
6.0	.221	.259	.287	.306	.318										
7.0	.222	.262	.295	.316	.328										
8.0	.223	.263	.297	.322											
mief=	.224	.266	.301	.324	.329	.321	.306	.279	.251	.222	.189	.151	.107	.061	.009
tetaf=	12.5	13.3	12.7	8.9	7.1	6.0	5.2	4.8	4.4	4.0	3.7	3.3	2.6	1.8	0.5

w=0.6 Valores de mi ni0= 1.49

teta=1.0	.078	.094	.107	.117	.122	.123	.120	.115	.111	.106	.101	.093	.081	.064	.042
1.5	.117	.133	.146	.158	.166	.171	.172	.170	.165	.155	.142	.125	.106	.082	.054
2.0	.155	.170	.184	.196	.205	.211	.215	.213	.204	.189	.170	.148	.123	.095	
2.5	.191	.208	.221	.232	.242	.248	.247	.241	.229	.213	.191	.165	.137		
3.0	.209	.236	.256	.268	.275	.276	.272	.262	.248	.230	.207	.179	.148		
3.5	.223	.252	.277	.297	.302	.299	.292	.280	.264	.244	.219	.191			
4.0	.234	.265	.292	.312	.322	.320	.309	.295	.277	.256					
4.5	.244	.276	.304	.323	.334	.336	.325	.309	.289						
5.0	.252	.285	.313	.332	.344	.347	.339								
6.0	.265	.302	.328	.347	.358	.362									
7.0	.266	.306	.339	.359	.370										
8.0	.267	.307	.340	.366											
mief=	.269	.310	.345	.368	.371	.362	.346	.318	.289	.259	.227	.192	.149	.103	.055
tetaf=	12.6	13.4	12.5	8.8	7.1	6.0	5.3	4.9	4.5	4.2	3.8	3.6	3.0	2.4	1.6

w=0.7 Valores de mi ni0= 1.57

teta=1.0	.089	.104	.117	.126	.131	.133	.130	.126	.122	.118	.113	.108	.097	.083	.064	.039
1.5	.133	.148	.161	.171	.179	.185	.187	.186	.182	.174	.162	.147	.129	.107	.082	
2.0	.177	.191	.204	.215	.223	.230	.234	.233	.226	.213	.195	.175	.151	.125	.096	
2.5	.219	.233	.246	.256	.265	.272	.271	.266	.255	.240	.220	.195	.168	.139		
3.0	.242	.267	.287	.297	.304	.304	.300	.291	.277	.260	.238	.212	.182			
3.5	.258	.287	.311	.330	.335	.331	.323	.311	.296	.276	.253	.225				
4.0	.271	.301	.329	.348	.358	.354	.343	.329	.311	.290						
4.5	.283	.314	.342	.361	.371	.373	.361	.345	.325							
5.0	.293	.325	.352	.371	.382	.385	.377									
6.0	.309	.344	.370	.388	.399	.402										
7.0	.310	.350	.382	.401	.412											
8.0	.311	.351	.384	.410												
mief=	.314	.355	.389	.412	.413	.403	.386	.357	.328	.297	.264	.230	.191	.145	.098	.048
tetaf=	12.7	13.5	12.3	8.7	7.1	6.0	5.3	4.9	4.6	4.3	4.0	3.7	3.3	2.8	2.1	1.3

w=0.8 Valores de mi ni0= 1.65

teta=1.0	.100	.114	.126	.135	.140	.143	.141	.137	.134	.129	.125	.121	.113	.100	.084	.063	.037
1.5	.150	.163	.175	.185	.193	.199	.201	.201	.198	.192	.182	.168	.151	.131	.108	.081	
2.0	.199	.211	.223	.234	.242	.248	.253	.254	.248	.237	.221	.201	.178	.153	.126		
2.5	.246	.259	.270	.280	.289	.295	.296	.291	.281	.267	.248	.225	.199	.171	.141		
3.0	.274	.299	.317	.326	.333	.333	.328	.319	.306	.289	.269	.244	.216	.185			
3.5	.293	.321	.345	.364	.368	.363	.355	.343	.327	.308	.286	.260	.230				
4.0	.308	.338	.365	.383	.393	.389	.378	.363	.345	.324	.300						
4.5	.322	.353	.380	.398	.408	.409	.398	.381	.361								
5.0	.333	.365	.392	.409	.420	.422	.416	.397									
6.0	.353	.387	.411	.428	.439	.442											
7.0	.355	.394	.426	.444	.454												
8.0	.356	.395	.428	.454													
mief=	.358	.399	.433	.456	.455	.444	.426	.397	.366	.335	.302	.268	.232	.188	.141	.093	.041
tetaf=	12.8	13.6	12.1	8.6	7.1	6.1	5.4	5.0	4.7	4.4	4.1	3.8	3.6	3.1	2.5	1.9	1.1

TABELA 10c

ACO CA-50B delta=0.05 n'= 2 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=0.9 Valores de mi ni0= 1.74

teta=1.0	.111	.124	.135	.144	.150	.152	.152	.148	.145	.141	.137	.132	.127	.117	.102	.084	.061					
1.5	.166	.178	.190	.199	.207	.213	.216	.216	.214	.209	.201	.188	.172	.154	.133	.108	.080					
2.0	.220	.232	.243	.253	.261	.267	.272	.274	.270	.260	.245	.226	.205	.181	.155	.126						
2.5	.273	.285	.295	.305	.313	.319	.320	.316	.307	.293	.276	.254	.229	.202	.173							
3.0	.306	.330	.347	.355	.362	.362	.357	.348	.335	.319	.299	.276	.249	.219								
3.5	.328	.355	.379	.397	.401	.396	.387	.374	.359	.340	.318	.293	.266									
4.0	.345	.375	.401	.419	.428	.424	.412	.397	.379	.358	.335											
4.5	.360	.391	.417	.435	.445	.446	.435	.417	.397													
5.0	.374	.405	.431	.448	.458	.460	.454	.435														
6.0	.397	.429	.452	.469	.479	.482																
7.0	.399	.438	.470	.486	.496																	
8.0	.400	.439	.472	.498																		
mief=	.403	.444	.478	.500	.497	.484	.466	.437	.406	.373	.341	.306	.271	.231	.184	.136	.086	.032				
tetaf=	12.8	13.6	11.9	8.5	7.1	6.1	5.4	5.1	4.8	4.5	4.2	3.9	3.7	3.4	2.9	2.3	1.7	0.9				

w=1.0 Valores de mi ni0= 1.82

teta=1.0	.122	.134	.145	.153	.159	.162	.162	.159	.155	.152	.148	.144	.140	.132	.120	.104	.084	.059				
1.5	.182	.193	.204	.213	.221	.226	.230	.231	.230	.226	.220	.208	.194	.177	.157	.134	.108	.079				
2.0	.241	.252	.263	.272	.280	.286	.290	.293	.291	.282	.269	.252	.231	.208	.183	.156	.127					
2.5	.300	.310	.320	.329	.336	.343	.345	.341	.332	.320	.303	.283	.259	.233	.204	.175						
3.0	.338	.361	.377	.385	.391	.390	.385	.377	.364	.348	.329	.307	.282	.253	.222							
3.5	.363	.389	.413	.431	.434	.428	.419	.406	.391	.372	.351	.327	.300	.270								
4.0	.382	.411	.437	.455	.463	.460	.447	.431	.413	.393	.370	.344										
4.5	.399	.429	.455	.472	.482	.483	.472	.454	.434	.411												
5.0	.414	.445	.470	.486	.496	.498	.492	.474														
6.0	.440	.471	.494	.510	.519	.522																
7.0	.443	.481	.513	.529	.538																	
8.0	.445	.483	.516	.543																		
mief=	.448	.488	.522	.544	.539	.525	.506	.478	.445	.412	.379	.345	.309	.272	.227	.180	.130	.079	.021			
tetaf=	12.9	13.7	11.7	8.4	7.0	6.1	5.5	5.1	4.8	4.5	4.3	4.0	3.8	3.6	3.2	2.7	2.1	1.5	0.6			

w=1.1 Valores de mi ni0= 1.90

teta=1.0	.132	.144	.154	.162	.168	.171	.172	.170	.166	.163	.159	.156	.152	.147	.136	.122	.104	.083	.057			
1.5	.197	.208	.219	.227	.235	.240	.244	.246	.245	.242	.237	.228	.214	.198	.180	.158	.134	.107				
2.0	.262	.272	.282	.291	.298	.305	.309	.312	.312	.305	.293	.277	.257	.235	.211	.185	.157					
2.5	.326	.335	.345	.353	.360	.366	.369	.366	.358	.346	.330	.311	.289	.263	.236	.207						
3.0	.370	.392	.406	.414	.420	.419	.414	.405	.393	.378	.359	.338	.314	.286	.256							
3.5	.397	.424	.447	.464	.467	.460	.451	.438	.423	.404	.384	.360	.334	.305								
4.0	.419	.448	.473	.490	.498	.495	.482	.466	.448	.427	.404	.379										
4.5	.438	.468	.493	.509	.518	.519	.509	.490	.470	.448												
5.0	.454	.485	.509	.525	.534	.536	.530	.512														
6.0	.483	.513	.535	.550	.560	.563																
7.0	.488	.525	.556	.571	.580																	
8.0	.489	.527	.560	.587																		
mief=	.492	.533	.566	.588	.581	.567	.547	.518	.485	.452	.418	.383	.348	.311	.271	.223	.175	.124	.071			
tetaf=	13.0	13.8	11.5	8.4	7.0	6.2	5.5	5.1	4.9	4.6	4.4	4.1	3.9	3.7	3.4	2.9	2.5	1.9	1.3			

w=1.2 Valores de mi ni0= 1.98

teta=1.0	.143	.154	.163	.171	.177	.181	.182	.180	.177	.174	.170	.167	.163	.159	.152	.139	.124	.104	.081	.055		
1.5	.213	.223	.233	.242	.249	.254	.258	.260	.260	.258	.254	.247	.235	.220	.202	.182	.159	.134	.106			
2.0	.283	.292	.302	.310	.317	.323	.328	.331	.332	.326	.316	.301	.283	.262	.238	.213	.186	.157				
2.5	.351	.361	.369	.377	.384	.390	.394	.391	.383	.372	.357	.339	.318	.293	.267	.238	.209					
3.0	.402	.422	.436	.443	.449	.448	.443	.434	.422	.407	.389	.369	.345	.319	.290	.259						
3.5	.432	.458	.481	.498	.500	.493	.483	.470	.455	.437	.416	.393	.368	.340	.310							
4.0	.456	.484	.509	.526	.534	.530	.517	.501	.482	.462	.439	.415										
4.5	.476	.506	.530	.546	.555	.556	.546	.527	.507	.484												
5.0	.494	.525	.548	.563	.572	.574	.569	.551														
6.0	.526	.555	.576	.591	.600	.603																
7.0	.532	.569	.599	.613	.622																	
8.0	.533	.571	.604	.631																		
mief=	.537	.577	.610	.632	.623	.608	.588	.559	.525	.491	.457	.422	.387	.350	.312	.267	.219	.169	.117	.063		
tetaf=	13.1	13.8	11.3	8.3	7.0	6.2	5.6	5.2	4.9	4.7	4.4	4.2	4.0	3.8	3.6	3.2	2.8	2.3	1.8	1.2		

TABELA 11a

ACO CA-508 delta=0.10 n'= 2 ni= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=0.1                                                   Valores de mi                                                  ni0= 1.08
 teta=1.0 .015 .042 .060 .070 .072 .067 .061 .055 .048 .038 .023
      1.5 .022 .051 .072 .087 .095 .095 .090 .080 .067 .051 .029
      2.0 .029 .058 .082 .099 .109 .114 .110 .099 .081 .059 .032
      2.5 .033 .065 .090 .108 .120 .126 .123 .111 .090 .065
      3.0 .035 .070 .097 .116 .129 .134 .130 .118 .097 .069
      3.5 .037 .073 .102 .123 .136 .140 .135 .123 .101
      4.0 .039 .075 .105 .128 .141 .144 .139 .126
      4.5 .040 .077 .108 .132 .145 .148 .143
      5.0 .042 .079 .110 .134 .148 .152
      6.0 .042 .082 .114 .137 .151
      7.0 .043 .082 .116 .140 .154
      8.0 .043 .083 .117 .142
    mief= .043 .084 .119 .143 .154 .155 .145 .128 .103 .070 .033
   tetaf= 12.5 13.8 13.6  9.3  7.1  5.8  4.9  4.3  3.8  3.2  2.1
w=0.2                                                   Valores de mi                                                  ni0= 1.16
 teta=1.0 .026 .050 .067 .077 .080 .076 .071 .065 .059 .051 .040 .022
      1.5 .039 .064 .083 .097 .105 .108 .104 .095 .084 .070 .051 .027
      2.0 .052 .077 .097 .113 .123 .129 .128 .119 .103 .083 .059
      2.5 .062 .089 .110 .126 .138 .144 .143 .133 .116 .092 .065
      3.0 .067 .099 .122 .139 .151 .156 .153 .142 .124 .099
      3.5 .071 .104 .131 .151 .161 .164 .160 .149 .130 .105
      4.0 .074 .108 .136 .159 .170 .171 .166 .154
      4.5 .077 .111 .141 .163 .177 .178 .171
      5.0 .080 .114 .144 .167 .180 .183 .176
      6.0 .083 .119 .150 .173 .186
      7.0 .083 .121 .155 .177 .190
      8.0 .083 .122 .156 .180
    mief= .084 .124 .158 .181 .190 .189 .176 .158 .135 .105 .068 .029
   tetaf= 13.0 14.0 13.1  9.1  7.1  5.8  5.1  4.5  4.0  3.6  2.8  1.7
w=0.3                                                   Valores de mi                                                  ni0= 1.25
 teta=1.0 .037 .058 .074 .084 .087 .085 .080 .075 .069 .063 .054 .040 .019
      1.5 .055 .077 .094 .107 .116 .119 .117 .111 .101 .088 .072 .051
      2.0 .074 .095 .113 .127 .137 .143 .144 .138 .125 .106 .084 .059
      2.5 .090 .112 .130 .145 .156 .163 .162 .155 .140 .119 .093
      3.0 .098 .127 .147 .162 .173 .178 .175 .166 .150 .128 .100
      3.5 .104 .134 .160 .178 .187 .189 .185 .174 .158 .135
      4.0 .109 .140 .167 .189 .199 .199 .193 .181 .164
      4.5 .113 .145 .173 .195 .208 .208 .200 .187
      5.0 .117 .149 .178 .200 .213 .215 .207
      6.0 .123 .157 .186 .208 .221 .224
      7.0 .123 .160 .193 .214 .226
      8.0 .123 .161 .194 .219
    mief= .124 .163 .197 .220 .227 .224 .209 .189 .166 .138 .104 .065 .023
   tetaf= 13.3 14.2 12.7  8.9  7.1  5.9  5.2  4.6  4.2  3.8  3.3  2.5  1.4
w=0.4                                                   Valores de mi                                                  ni0= 1.33
 teta=1.0 .047 .066 .081 .091 .095 .094 .089 .085 .080 .074 .067 .056 .039 .016
      1.5 .070 .089 .105 .118 .126 .130 .130 .125 .117 .106 .091 .073 .050
      2.0 .093 .112 .128 .142 .152 .158 .160 .156 .145 .128 .108 .085 .058
      2.5 .115 .134 .150 .164 .174 .181 .182 .176 .163 .144 .120 .094
      3.0 .127 .154 .172 .185 .195 .200 .198 .189 .175 .156 .130 .101
      3.5 .135 .164 .188 .205 .213 .214 .210 .200 .185 .164 .138
      4.0 .142 .172 .198 .219 .228 .227 .220 .209 .192
      4.5 .148 .178 .206 .227 .239 .238 .230 .217
      5.0 .153 .184 .212 .234 .245 .248 .238
      6.0 .162 .194 .223 .243 .255
      7.0 .163 .199 .231 .251 .263
      8.0 .163 .200 .233 .257
    mief= .164 .203 .236 .259 .263 .258 .242 .221 .197 .170 .139 .101 .060 .017
   tetaf= 13.6 14.4 12.3  8.8  7.1  5.9  5.3  4.8  4.3  3.9  3.6  3.0  2.2  1.0
```

TABELA 10d

ACO CA-50B delta=0.05 n'= 2 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=1.4 Valores de mi ni0= 2.14

teta=1.0	.163	.173	.182	.190	.196	.199	.201	.201	.198	.195	.192	.189	.186	.182	.179	.171	.159	.143	.125	.103	.077	
1.5	.244	.253	.262	.270	.277	.282	.286	.289	.290	.289	.286	.282	.274	.261	.246	.228	.208	.185	.160	.133		
2.0	.324	.333	.341	.349	.355	.361	.366	.369	.371	.369	.361	.349	.333	.314	.292	.269	.243	.216	.188			
2.5	.403	.411	.419	.426	.432	.438	.442	.441	.434	.424	.411	.394	.375	.353	.327	.300	.272	.242				
3.0	.464	.484	.495	.502	.507	.507	.501	.493	.481	.466	.449	.430	.408	.383	.356	.327	.296					
3.5	.501	.526	.548	.564	.567	.559	.548	.535	.519	.501	.481	.459	.435	.409	.380	.350						
4.0	.529	.557	.582	.597	.604	.601	.587	.570	.552	.531	.509	.485	.459									
4.5	.553	.583	.606	.621	.629	.630	.621	.601	.580	.558	.533											
5.0	.575	.604	.625	.640	.649	.650	.645	.629	.606													
6.0	.612	.638	.658	.672	.680	.683																
7.0	.621	.657	.685	.698	.706																	
8.0	.622	.660	.692	.719																		
mief=	.626	.667	.699	.720	.707	.690	.669	.641	.606	.571	.536	.501	.465	.428	.391	.353	.307	.258	.208	.156	.102	
tetaf=	13.2	13.9	11.0	8.1	7.0	6.3	5.7	5.2	5.0	4.8	4.6	4.3	4.1	3.9	3.7	3.6	3.2	2.8	2.4	2.0	1.5	

w=1.6 Valores de mi ni0= 2.31

teta=1.0	.184	.193	.201	.208	.214	.218	.220	.221	.219	.216	.213	.211	.208	.205	.201	.198	.191	.179	.163	.145	.124	.072
1.5	.275	.283	.291	.299	.305	.310	.314	.317	.319	.319	.318	.315	.310	.300	.287	.271	.253	.233	.211	.186	.159	
2.0	.364	.372	.380	.387	.393	.399	.403	.407	.410	.410	.405	.395	.381	.364	.344	.322	.299	.274	.247	.218	.189	
2.5	.453	.461	.468	.474	.480	.485	.490	.490	.485	.476	.464	.449	.431	.410	.387	.361	.334	.306	.276	.246		
3.0	.527	.545	.554	.560	.566	.565	.560	.551	.539	.525	.509	.490	.469	.446	.421	.393	.364	.333				
3.5	.569	.594	.616	.631	.633	.624	.613	.600	.584	.566	.546	.525	.501	.476	.449	.420	.390					
4.0	.602	.630	.653	.668	.675	.672	.657	.640	.621	.601	.579	.555	.530	.503								
4.5	.630	.659	.681	.695	.702	.703	.695	.676	.654	.632	.607											
5.0	.655	.683	.703	.717	.725	.727	.722	.707	.684													
6.0	.696	.721	.740	.753	.761	.763																
7.0	.709	.745	.770	.783	.790																	
8.0	.711	.748	.780																			
mief=	.716	.756	.787	.808	.791	.773	.751	.723	.688	.652	.616	.580	.544	.507	.470	.432	.393	.347	.297	.247	.195	.086
tetaf=	13.3	14.0	10.7	8.0	7.0	6.3	5.7	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.6	3.3	2.9	2.5	2.1	1.2

w=1.8 Valores de mi ni0= 2.47

teta=1.0	.204	.213	.220	.227	.233	.237	.239	.240	.240	.237	.235	.232	.229	.226	.224	.221	.218	.210	.198	.183	.165	.121	.067
1.5	.305	.313	.320	.327	.333	.338	.343	.346	.348	.348	.348	.346	.343	.338	.327	.314	.297	.279	.259	.236	.212	.158
2.0	.405	.412	.419	.426	.432	.437	.441	.445	.448	.449	.448	.440	.429	.414	.396	.375	.353	.329	.304	.277	.249	
2.5	.504	.511	.517	.523	.528	.533	.538	.540	.536	.528	.516	.502	.486	.467	.445	.421	.395	.368	.340	.310	.280	
3.0	.589	.605	.614	.619	.624	.624	.619	.610	.598	.585	.569	.551	.530	.508	.484	.458	.431	.401	.370			
3.5	.638	.662	.684	.698	.700	.690	.679	.665	.649	.631	.612	.591	.568	.543	.517	.490	.461	.430				
4.0	.675	.703	.725	.739	.745	.743	.728	.711	.692	.671	.649	.625	.600	.574	.546							
4.5	.707	.735	.755	.769	.776	.777	.769	.751	.729	.706	.682	.656										
5.0	.735	.761	.780	.794	.801	.803	.798	.785	.762													
6.0	.781	.804	.821	.834	.841	.844																
7.0	.797	.833	.855	.867	.874																	
8.0	.800	.836	.869																			
mief=	.805	.845	.876	.893	.876	.856	.833	.805	.770	.734	.697	.660	.624	.587	.549	.511	.472	.433	.387	.337	.286	.180	.068
tetaf=	13.4	14.1	10.4	7.9	7.0	6.3	5.8	5.4	5.1	4.9	4.8	4.6	4.4	4.2	4.0	3.9	3.7	3.6	3.3	3.0	2.6	1.9	1.0

w=2.0 Valores de mi ni0= 2.64

teta=1.0	.225	.232	.239	.246	.251	.255	.258	.260	.260	.258	.256	.253	.251	.248	.245	.243	.240	.237	.230	.218	.203	.165	.117
1.5	.335	.343	.350	.356	.362	.367	.371	.374	.376	.378	.378	.377	.374	.371	.365	.354	.340	.323	.305	.284	.262	.212	.156
2.0	.445	.452	.458	.464	.470	.475	.479	.483	.486	.488	.489	.484	.474	.461	.445	.427	.406	.383	.359	.334	.307	.250	
2.5	.554	.560	.566	.572	.577	.581	.585	.589	.586	.579	.569	.556	.540	.522	.502	.480	.456	.429	.402	.373	.344		
3.0	.650	.665	.673	.678	.682	.683	.677	.669	.658	.644	.628	.611	.591	.570	.547	.522	.496	.468	.438	.407	.376		
3.5	.706	.730	.751	.765	.766	.757	.745	.730	.714	.697	.677	.656	.634	.610	.585	.558	.530	.501	.470				
4.0	.748	.775	.797	.810	.816	.813	.800	.782	.762	.741	.719	.696	.671	.645	.618	.590							
4.5	.784	.811	.830	.843	.850	.850	.843	.826	.803	.780	.756	.731											
5.0	.815	.840	.858	.870	.877	.879	.874	.862	.840	.815													
6.0	.864	.886	.903	.915	.922	.924																	
7.0	.886	.921	.940	.952	.959																		
8.0	.888	.925	.957																				
mief=	.894	.935	.964	.979	.960	.939	.915	.887	.853	.816	.778	.741	.704	.666	.629	.591	.552	.513	.473	.427	.377	.273	.165
tetaf=	13.5	14.2	10.2	7.8	7.0	6.4	5.8	5.4	5.2	5.0	4.8	4.7	4.5	4.3	4.2	4.0	3.9	3.7	3.6	3.3	3.0	2.4	1.6

TABELA 11b

ACO CA-50B delta=0.10 n'= 2 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.5											Valores de mi												ni0= 1.41
teta=1.0	.057	.074	.088	.098	.102	.102	.098	.094	.089	.084	.079	.070	.057	.038									
1.5	.085	.102	.117	.128	.137	.141	.142	.139	.132	.123	.110	.093	.073	.049									
2.0	.112	.129	.144	.156	.166	.172	.175	.174	.165	.150	.131	.109	.085										
2.5	.139	.156	.170	.183	.192	.199	.201	.196	.186	.169	.147	.122	.094										
3.0	.156	.180	.196	.208	.217	.222	.220	.213	.200	.182	.159	.132											
3.5	.166	.194	.217	.232	.240	.240	.235	.226	.211	.192	.169												
4.0	.175	.204	.229	.249	.258	.255	.248	.237	.221	.201													
4.5	.182	.212	.238	.259	.270	.269	.259	.246															
5.0	.188	.219	.246	.267	.278	.280	.270																
6.0	.199	.231	.259	.278	.290																		
7.0	.202	.239	.268	.287	.299																		
8.0	.203	.240	.272	.295																			
mief=	.204	.242	.275	.298	.299	.293	.276	.253	.229	.202	.173	.139	.098	.055	.008								
tetaf=	13.8	14.5	12.0	8.6	7.1	6.0	5.4	4.9	4.5	4.1	3.8	3.4	2.7	1.9	0.5								
w=0.6											Valores de mi												ni0= 1.49
teta=1.0	.066	.082	.095	.104	.110	.110	.107	.103	.099	.094	.089	.083	.072	.057	.036								
1.5	.098	.114	.128	.139	.147	.152	.154	.152	.146	.139	.127	.112	.094	.072	.047								
2.0	.130	.146	.159	.171	.180	.187	.190	.191	.184	.171	.154	.133	.110	.084									
2.5	.162	.177	.190	.201	.211	.218	.221	.217	.208	.193	.173	.149	.122										
3.0	.184	.206	.220	.231	.240	.245	.243	.236	.224	.208	.187	.161	.133										
3.5	.197	.223	.245	.259	.266	.266	.261	.252	.238	.220	.198	.172											
4.0	.207	.235	.259	.279	.287	.284	.276	.265	.249	.230													
4.5	.216	.245	.271	.291	.301	.299	.290	.276	.259														
5.0	.223	.253	.280	.300	.311	.312	.302																
6.0	.237	.268	.295	.313	.324	.328																	
7.0	.241	.278	.306	.324	.335																		
8.0	.242	.279	.311	.333																			
mief=	.244	.282	.314	.336	.335	.328	.311	.286	.261	.235	.206	.174	.135	.093	.049								
tetaf=	13.9	14.6	11.7	8.5	7.1	6.0	5.4	5.0	4.6	4.2	3.9	3.6	3.1	2.5	1.6								
w=0.7											Valores de mi												ni0= 1.57
teta=1.0	.075	.090	.102	.111	.117	.118	.116	.112	.108	.104	.099	.094	.086	.073	.056	.033							
1.5	.112	.126	.139	.150	.158	.163	.165	.164	.160	.154	.144	.131	.114	.095	.071								
2.0	.148	.162	.175	.186	.195	.201	.205	.206	.202	.192	.176	.156	.135	.110	.084								
2.5	.184	.198	.210	.220	.229	.236	.240	.237	.229	.216	.198	.175	.150	.123									
3.0	.211	.232	.244	.254	.262	.267	.266	.260	.249	.233	.214	.190	.163										
3.5	.227	.252	.273	.286	.293	.292	.287	.278	.264	.247	.227	.202											
4.0	.239	.266	.290	.310	.317	.313	.305	.293	.278	.259	.237												
4.5	.249	.277	.303	.323	.333	.330	.320	.306	.290														
5.0	.258	.287	.314	.333	.343	.345	.334	.318															
6.0	.274	.304	.330	.348	.359	.362																	
7.0	.281	.317	.343	.361	.371																		
8.0	.282	.318	.350	.371																			
mief=	.284	.322	.353	.375	.372	.363	.345	.320	.294	.267	.238	.207	.173	.131	.088	.043							
tetaf=	14.0	14.7	11.4	8.4	7.1	6.1	5.5	5.1	4.7	4.4	4.1	3.8	3.5	2.9	2.2	1.4							
w=0.8											Valores de mi												ni0= 1.65
teta=1.0	.084	.098	.109	.118	.124	.126	.125	.121	.117	.113	.109	.104	.099	.088	.073	.054	.031						
1.5	.125	.139	.151	.161	.169	.174	.177	.177	.174	.168	.160	.149	.134	.116	.095	.070							
2.0	.166	.179	.190	.201	.209	.216	.220	.222	.220	.211	.197	.179	.158	.136	.110								
2.5	.206	.218	.229	.239	.248	.254	.259	.257	.250	.238	.222	.201	.177	.151	.123								
3.0	.238	.257	.268	.277	.285	.290	.289	.283	.273	.258	.240	.218	.192	.164									
3.5	.256	.281	.301	.314	.319	.318	.313	.304	.291	.275	.255	.232	.205										
4.0	.271	.297	.321	.340	.346	.341	.333	.321	.306	.288	.267												
4.5	.282	.310	.335	.354	.364	.362	.351	.337	.320														
5.0	.293	.322	.348	.366	.376	.377	.366	.350															
6.0	.311	.341	.366	.383	.393	.396																	
7.0	.320	.356	.381	.397	.407																		
8.0	.321	.357	.389	.409																			
mief=	.323	.361	.392	.413	.408	.398	.381	.354	.328	.300	.271	.241	.208	.170	.127	.082	.036						
tetaf=	14.1	14.8	11.1	8.3	7.1	6.1	5.5	5.1	4.8	4.5	4.2	3.9	3.6	3.2	2.7	2.0	1.2						

TABELA 11c

ACO CA-50B delta=0.10 n'= 2 n1= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40

w=0.9 Valores de mi ni0= 1.74

teta=1.0	.093	.106	.117	.125	.131	.134	.133	.130	.126	.122	.118	.114	.110	.102	.089	.073	.053	
1.5	.138	.151	.162	.172	.179	.185	.188	.189	.187	.182	.176	.166	.152	.136	.116	.094	.068	
2.0	.183	.195	.206	.216	.224	.230	.235	.237	.237	.230	.218	.201	.182	.160	.136	.110		
2.5	.227	.239	.249	.258	.266	.273	.277	.277	.271	.261	.246	.227	.204	.179	.152			
3.0	.265	.281	.291	.300	.308	.313	.312	.306	.297	.283	.266	.245	.221	.194	.165			
3.5	.286	.310	.329	.341	.346	.345	.339	.330	.317	.302	.283	.261	.236	.207				
4.0	.302	.328	.351	.370	.376	.371	.362	.350	.335	.317	.297	.274						
4.5	.316	.343	.368	.386	.395	.393	.381	.367	.350	.331								
5.0	.327	.356	.381	.399	.408	.410	.399	.383										
6.0	.348	.377	.402	.418	.428	.431												
7.0	.359	.395	.418	.434	.443													
8.0	.360	.397	.428	.447														
mief=	.363	.401	.431	.450	.444	.434	.416	.389	.361	.333	.304	.274	.242	.208	.165	.122	.076	.028
tetaf=	14.2	14.9	10.9	8.2	7.0	6.2	5.5	5.2	4.9	4.6	4.3	4.0	3.8	3.5	3.0	2.4	1.8	1.0

w=1.0 Valores de mi ni0= 1.82

teta=1.0	.101	.113	.124	.132	.138	.141	.141	.138	.135	.131	.127	.124	.119	.114	.104	.090	.072	.050
1.5	.151	.163	.173	.183	.190	.196	.199	.200	.199	.195	.190	.182	.170	.155	.137	.116	.093	.067
2.0	.200	.211	.221	.231	.238	.245	.249	.252	.253	.248	.238	.223	.204	.184	.161	.136	.109	
2.5	.248	.259	.269	.277	.285	.291	.296	.297	.292	.282	.269	.251	.230	.206	.180	.152		
3.0	.291	.306	.315	.323	.330	.336	.335	.330	.321	.308	.292	.272	.249	.224	.195			
3.5	.315	.338	.357	.368	.373	.371	.365	.356	.344	.329	.310	.289	.265	.239				
4.0	.333	.359	.382	.400	.406	.400	.390	.378	.364	.346	.326	.304						
4.5	.349	.375	.400	.418	.427	.424	.412	.398	.381	.362								
5.0	.362	.390	.415	.432	.441	.442	.432	.415										
6.0	.385	.414	.437	.453	.463	.465												
7.0	.399	.433	.455	.470	.480													
8.0	.400	.436	.467	.485														
mief=	.403	.440	.470	.487	.480	.469	.451	.423	.395	.367	.338	.307	.276	.242	.204	.161	.116	.070	.018
tetaf=	14.3	14.9	10.7	8.2	7.0	6.2	5.6	5.3	5.0	4.7	4.4	4.1	3.9	3.6	3.3	2.8	2.2	1.6	0.6

w=1.1 Valores de mi ni0= 1.90

teta=1.0	.110	.121	.131	.140	.145	.149	.149	.147	.144	.140	.137	.133	.129	.125	.118	.106	.090	.071	.048
1.5	.164	.175	.185	.194	.201	.206	.210	.212	.211	.208	.204	.198	.187	.173	.157	.138	.116	.091	
2.0	.217	.227	.237	.246	.253	.259	.264	.267	.268	.266	.257	.244	.227	.207	.185	.161	.136	.108	
2.5	.269	.279	.288	.297	.304	.310	.315	.317	.313	.304	.291	.275	.255	.232	.207	.180	.152		
3.0	.317	.330	.339	.346	.353	.359	.359	.354	.345	.332	.317	.298	.277	.252	.225	.197			
3.5	.345	.367	.385	.395	.400	.398	.392	.383	.370	.355	.338	.317	.295	.269	.241				
4.0	.365	.390	.412	.430	.436	.429	.419	.407	.392	.375	.356	.334							
4.5	.382	.408	.432	.450	.458	.456	.443	.429	.412	.393									
5.0	.396	.424	.448	.465	.474	.475	.464	.448	.429										
6.0	.421	.450	.473	.488	.497	.500													
7.0	.438	.471	.492	.507	.516														
8.0	.439	.475	.506	.523															
mief=	.443	.480	.509	.525	.517	.504	.486	.458	.430	.401	.371	.341	.309	.277	.242	.200	.156	.110	.063
tetaf=	14.4	14.4	10.5	8.1	7.0	6.2	5.6	5.3	5.0	4.7	4.5	4.2	4.0	3.8	3.5	3.1	2.6	2.1	1.4

w=1.2 Valores de mi ni0= 1.98

teta=1.0	.118	.129	.139	.147	.152	.156	.157	.155	.152	.149	.146	.142	.139	.135	.130	.120	.106	.089	.069	.045
1.5	.176	.187	.196	.205	.212	.217	.221	.223	.223	.221	.217	.212	.204	.191	.176	.158	.138	.115	.090	
2.0	.233	.243	.252	.261	.268	.274	.279	.282	.283	.283	.276	.265	.249	.230	.209	.186	.162	.135		
2.5	.290	.299	.308	.316	.323	.328	.333	.336	.333	.325	.314	.299	.280	.258	.234	.208	.181			
3.0	.343	.354	.362	.369	.376	.381	.382	.377	.369	.357	.342	.324	.304	.281	.255	.227				
3.5	.374	.395	.412	.422	.426	.425	.418	.409	.397	.382	.365	.346	.323	.299	.272					
4.0	.396	.420	.442	.460	.465	.459	.449	.436	.421	.404	.385	.364	.340							
4.5	.414	.441	.465	.481	.489	.487	.474	.459	.442	.424	.403									
5.0	.438	.458	.482	.498	.506	.507	.497	.480	.461											
6.0	.458	.487	.508	.523	.532	.534														
7.0	.478	.509	.529	.543	.552															
8.0	.479	.514	.545	.561																
mief=	.483	.519	.548	.562	.553	.540	.521	.494	.464	.435	.405	.374	.343	.311	.277	.239	.195	.150	.104	.055
tetaf=	14.4	14.0	10.3	8.1	7.0	6.2	5.7	5.3	5.1	4.8	4.6	4.3	4.1	3.9	3.6	3.4	2.9	2.4	1.9	1.3

TABELA 11d

ACO CA-50B delta=0.10 n'= 2 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=1.4											Valores de mi												ni0= 2.14
teta=1.0	.135	.145	.154	.161	.167	.171	.172	.172	.169	.166	.163	.160	.157	.154	.150	.146	.136	.123	.106	.087	.065		
1.5	.201	.210	.219	.227	.234	.239	.243	.246	.247	.246	.243	.239	.234	.225	.213	.197	.180	.160	.137	.113	.087		
2.0	.266	.275	.283	.291	.298	.303	.308	.312	.314	.315	.312	.304	.291	.274	.255	.234	.211	.187	.161	.134			
2.5	.331	.339	.347	.354	.360	.366	.370	.374	.374	.368	.358	.345	.328	.309	.287	.262	.237	.210	.182				
3.0	.393	.402	.409	.416	.421	.426	.428	.424	.417	.406	.392	.376	.357	.336	.312	.286	.258	.229					
3.5	.431	.452	.468	.476	.480	.478	.472	.463	.451	.436	.420	.401	.380	.358	.333	.306							
4.0	.458	.482	.503	.520	.525	.518	.507	.494	.479	.463	.444	.423	.401	.377									
4.5	.480	.506	.529	.545	.552	.550	.537	.522	.504	.486	.465												
5.0	.499	.526	.549	.563	.571	.572	.564	.546	.527														
6.0	.531	.559	.579	.593	.601	.603																	
7.0	.557	.584	.603	.616	.624																		
8.0	.558	.593	.623																				
mief=	.562	.598	.627	.636	.625	.611	.592	.564	.534	.504	.473	.442	.411	.379	.346	.311	.274	.230	.184	.138	.090		
tetaf=	14.6	13.3	9.9	8.0	7.0	6.3	5.7	5.4	5.2	4.9	4.7	4.5	4.3	4.1	3.8	3.7	3.4	3.0	2.6	2.1	1.6		
w=1.6											Valores de mi												ni0= 2.31
teta=1.0	.151	.160	.168	.176	.181	.185	.188	.188	.186	.183	.181	.178	.175	.172	.169	.165	.161	.152	.139	.123	.105	.059	
1.5	.225	.234	.242	.249	.256	.261	.265	.268	.270	.270	.268	.265	.261	.256	.247	.234	.219	.201	.181	.159	.135		
2.0	.299	.307	.314	.321	.328	.333	.338	.341	.344	.345	.345	.341	.331	.317	.300	.280	.259	.237	.213	.187	.160		
2.5	.371	.379	.386	.392	.398	.403	.408	.411	.413	.409	.401	.389	.375	.358	.338	.315	.291	.265	.238	.211			
3.0	.442	.449	.456	.462	.467	.472	.475	.472	.465	.454	.442	.426	.409	.389	.367	.343	.317	.289	.261				
3.5	.489	.508	.523	.530	.534	.532	.526	.516	.504	.490	.474	.457	.437	.415	.391	.366	.339						
4.0	.520	.543	.564	.580	.585	.577	.566	.553	.538	.521	.503	.483	.461	.438	.413								
4.5	.545	.570	.593	.608	.615	.613	.600	.584	.567	.548	.527	.506											
5.0	.567	.594	.615	.629	.637	.637	.630	.612	.592	.572													
6.0	.605	.631	.650	.663	.670	.672																	
7.0	.635	.659	.677	.689	.697																		
8.0	.637	.671	.700																				
mief=	.642	.677	.705	.710	.698	.682	.662	.635	.604	.573	.542	.511	.479	.447	.414	.380	.346	.309	.264	.219	.172	.075	
tetaf=	14.7	12.7	9.6	7.9	7.0	6.3	5.8	5.5	5.3	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.7	3.5	3.1	2.7	2.3	1.3	
w=1.8											Valores de mi												ni0= 2.47
teta=1.0	.167	.176	.183	.190	.196	.200	.202	.203	.203	.200	.198	.195	.192	.190	.187	.184	.181	.177	.168	.156	.140	.102	.055
1.5	.250	.258	.265	.272	.278	.283	.287	.290	.292	.293	.292	.291	.287	.283	.278	.268	.255	.240	.222	.203	.181	.133	
2.0	.331	.338	.345	.352	.358	.363	.367	.371	.374	.376	.376	.375	.369	.357	.343	.325	.306	.284	.262	.238	.213		
2.5	.411	.418	.425	.431	.436	.441	.445	.449	.452	.450	.444	.434	.421	.405	.387	.366	.344	.319	.293	.267	.239		
3.0	.491	.497	.503	.508	.513	.517	.521	.519	.513	.503	.491	.477	.460	.441	.421	.398	.374	.348	.320	.292			
3.5	.546	.564	.578	.584	.588	.586	.579	.570	.558	.545	.529	.512	.493	.472	.449	.425	.400	.373	.344				
4.0	.581	.604	.625	.640	.644	.636	.625	.612	.596	.580	.562	.542	.521	.498	.474	.449							
4.5	.610	.635	.657	.671	.678	.676	.663	.647	.629	.610	.590	.568	.546										
5.0	.635	.662	.682	.695	.702	.703	.695	.678	.658	.637													
6.0	.678	.702	.720	.732	.739	.741																	
7.0	.712	.734	.750	.762	.769																		
8.0	.716	.750	.776																				
mief=	.721	.755	.783	.784	.770	.753	.733	.707	.675	.644	.612	.580	.548	.515	.482	.449	.415	.380	.344	.299	.253	.159	.059
tetaf=	14.8	12.2	9.3	7.8	7.0	6.4	5.9	5.5	5.3	5.1	4.9	4.7	4.5	4.4	4.2	4.0	3.8	3.7	3.5	3.2	2.8	2.0	1.1
w=2.0											Valores de mi												ni0= 2.64
teta=1.0	.183	.191	.198	.205	.210	.214	.217	.219	.219	.217	.215	.212	.210	.207	.204	.202	.199	.196	.193	.184	.172	.139	.098
1.5	.274	.281	.288	.294	.300	.305	.309	.312	.315	.316	.316	.315	.313	.309	.305	.300	.290	.277	.261	.244	.224	.180	.130
2.0	.363	.370	.376	.382	.388	.393	.397	.401	.404	.406	.407	.407	.404	.396	.384	.369	.350	.331	.310	.287	.263	.212	
2.5	.451	.458	.463	.469	.474	.479	.483	.486	.489	.490	.486	.477	.465	.451	.435	.416	.395	.372	.347	.322	.295	.240	
3.0	.538	.544	.549	.554	.559	.563	.567	.566	.561	.552	.540	.527	.511	.493	.474	.453	.430	.405	.379	.352	.323		
3.5	.602	.620	.633	.639	.642	.640	.634	.624	.613	.599	.584	.567	.548	.528	.507	.484	.459	.433	.406	.378			
4.0	.643	.665	.686	.700	.704	.696	.684	.671	.655	.639	.621	.601	.580	.558	.535	.511							
4.5	.675	.700	.721	.734	.740	.739	.727	.710	.692	.673	.653	.631	.609										
5.0	.703	.729	.748	.761	.767	.768	.761	.744	.724	.703	.681												
6.0	.751	.773	.790	.802	.809	.810																	
7.0	.788	.808	.824	.835	.841																		
8.0	.795	.828	.853																				
mief=	.801	.834	.861	.857	.842	.825	.804	.778	.746	.714	.682	.650	.617	.584	.551	.518	.484	.450	.415	.379	.334	.241	.145
tetaf=	15.0	11.7	9.0	7.8	7.0	6.4	5.9	5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.3	4.1	4.0	3.8	3.7	3.5	3.2	2.5	1.8

TABELA 12a

ACO CA-50B delta=0.15 n'= 2 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.1										Valores de mi													ni0= 1.08
teta=1.0	.013	.040	.059	.068	.070	.065	.060	.053	.046	.036	.022												
1.5	.019	.048	.070	.084	.092	.093	.087	.077	.065	.049	.027												
2.0	.025	.055	.078	.095	.106	.110	.107	.096	.078	.057	.031												
2.5	.030	.061	.085	.104	.116	.122	.119	.108	.088	.062													
3.0	.032	.066	.092	.111	.124	.129	.126	.114	.094	.067													
3.5	.034	.069	.097	.117	.130	.135	.131	.119	.098														
4.0	.036	.071	.101	.123	.135	.139	.135	.122															
4.5	.037	.073	.103	.126	.139	.142	.137																
5.0	.038	.075	.105	.128	.142	.145																	
6.0	.040	.077	.108	.132	.146																		
7.0	.040	.079	.111	.134	.148																		
8.0	.041	.079	.112	.136																			
mief=	.042	.081	.114	.137	.148	.149	.140	.124	.100	.068	.032												
tetaf=	13.5	15.0	13.3	9.2	7.1	5.8	5.0	4.3	3.8	3.2	2.1												
w=0.2										Valores de mi													ni0= 1.16
teta=1.0	.023	.047	.064	.073	.076	.073	.067	.062	.055	.048	.037	.020											
1.5	.034	.058	.078	.092	.100	.102	.099	.090	.080	.066	.048	.025											
2.0	.045	.069	.090	.106	.116	.121	.121	.113	.098	.079	.056												
2.5	.056	.080	.101	.117	.129	.136	.135	.127	.110	.087	.061												
3.0	.061	.090	.111	.128	.140	.146	.144	.135	.118	.094													
3.5	.064	.096	.121	.138	.150	.154	.151	.141	.124	.099													
4.0	.068	.100	.127	.147	.158	.160	.156	.145	.128														
4.5	.070	.103	.131	.152	.164	.166	.161	.149															
5.0	.073	.106	.134	.156	.169	.171	.165																
6.0	.077	.110	.139	.162	.175																		
7.0	.078	.114	.143	.166	.179																		
8.0	.078	.114	.146	.169																			
mief=	.079	.116	.148	.171	.179	.178	.165	.149	.128	.100	.064	.027											
tetaf=	14.2	15.5	12.6	9.0	7.1	5.9	5.1	4.5	4.0	3.6	2.9	1.8											
w=0.3										Valores de mi													ni0= 1.25
teta=1.0	.032	.053	.069	.078	.082	.080	.075	.070	.064	.058	.049	.037	.017										
1.5	.047	.069	.086	.099	.108	.111	.109	.102	.094	.082	.067	.047											
2.0	.063	.084	.102	.116	.127	.132	.134	.129	.117	.099	.078	.054											
2.5	.078	.099	.117	.131	.143	.149	.151	.145	.131	.111	.087	.059											
3.0	.087	.113	.131	.146	.157	.163	.162	.155	.141	.120	.093												
3.5	.093	.122	.144	.159	.170	.174	.171	.162	.147	.126													
4.0	.097	.127	.152	.171	.181	.182	.178	.168	.152														
4.5	.101	.132	.158	.179	.190	.190	.184	.173															
5.0	.105	.136	.163	.184	.196	.196	.190																
6.0	.111	.142	.170	.191	.204																		
7.0	.114	.148	.176	.197	.209																		
8.0	.114	.149	.180	.201																			
mief=	.115	.151	.182	.204	.210	.207	.192	.175	.154	.129	.098	.060	.021										
tetaf=	14.7	15.8	12.1	8.8	7.1	5.9	5.3	4.7	4.2	3.8	3.4	2.6	1.4										
w=0.4										Valores de mi													ni0= 1.33
teta=1.0	.040	.059	.074	.083	.088	.087	.082	.077	.072	.067	.060	.050	.035	.014									
1.5	.059	.078	.095	.107	.115	.119	.119	.114	.106	.097	.083	.066	.045										
2.0	.079	.097	.114	.127	.137	.143	.146	.143	.134	.118	.099	.077	.052										
2.5	.098	.116	.132	.146	.156	.163	.166	.162	.151	.134	.111	.085											
3.0	.112	.134	.150	.163	.173	.180	.180	.174	.162	.144	.120	.092											
3.5	.120	.147	.167	.180	.189	.194	.191	.183	.170	.151	.127												
4.0	.126	.154	.178	.195	.204	.205	.200	.191	.176	.157													
4.5	.131	.160	.185	.205	.215	.214	.208	.197															
5.0	.136	.165	.191	.212	.223	.223	.215																
6.0	.144	.174	.200	.221	.233	.236																	
7.0	.149	.181	.208	.228	.240																		
8.0	.149	.183	.214	.234																			
mief=	.151	.185	.216	.237	.240	.236	.220	.202	.181	.157	.129	.093	.055	.015									
tetaf=	15.1	15.4	11.6	8.6	7.1	6.0	5.4	4.9	4.4	4.0	3.6	3.1	2.3	1.1									

TABELA 12b

ACO CA-50B delta=0.15 n'= 2 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.5											Valores de mi												ni0= 1.41
teta=1.0	.048	.065	.079	.088	.093	.093	.089	.085	.080	.075	.070	.062	.050	.033									
1.5	.071	.088	.103	.115	.123	.128	.129	.125	.118	.110	.099	.084	.065	.043									
2.0	.094	.111	.126	.138	.148	.154	.157	.157	.150	.137	.120	.099	.076										
2.5	.117	.133	.148	.160	.170	.177	.181	.178	.169	.155	.134	.110	.084										
3.0	.136	.155	.169	.181	.190	.197	.198	.193	.182	.166	.145	.119											
3.5	.146	.171	.189	.201	.209	.214	.212	.204	.192	.175	.153	.127											
4.0	.154	.181	.203	.219	.227	.227	.223	.214	.200	.182													
4.5	.161	.188	.212	.231	.241	.239	.232	.222	.207														
5.0	.167	.195	.219	.240	.250	.249	.241	.229															
6.0	.176	.205	.231	.251	.262	.265																	
7.0	.184	.214	.240	.259	.270																		
8.0	.184	.218	.248	.266																			
mief=	.186	.220	.250	.269	.271	.265	.248	.229	.208	.185	.158	.127	.089	.050	.007								
tetaf=	15.4	14.7	11.2	8.5	7.1	6.1	5.5	5.0	4.6	4.2	3.8	3.5	2.8	2.0	0.6								
w=0.6											Valores de mi												ni0= 1.49
teta=1.0	.055	.071	.084	.094	.099	.100	.096	.092	.088	.083	.078	.073	.063	.050	.031								
1.5	.082	.098	.112	.123	.131	.136	.138	.136	.130	.123	.114	.101	.084	.064	.040								
2.0	.109	.124	.138	.149	.158	.165	.169	.169	.166	.155	.139	.120	.098	.074									
2.5	.135	.150	.163	.174	.184	.190	.195	.194	.187	.175	.157	.134	.110	.083									
3.0	.159	.175	.187	.198	.207	.214	.216	.212	.202	.188	.169	.146	.119										
3.5	.172	.195	.211	.221	.230	.234	.232	.225	.214	.198	.179	.155											
4.0	.182	.207	.228	.243	.250	.250	.245	.236	.224	.207													
4.5	.190	.216	.239	.258	.267	.264	.257	.246	.232														
5.0	.196	.223	.247	.267	.278	.276	.267	.255															
6.0	.208	.236	.261	.280	.291	.293																	
7.0	.218	.246	.272	.290	.301																		
8.0	.219	.252	.281	.298																			
mief=	.221	.254	.284	.301	.301	.295	.277	.257	.235	.212	.186	.158	.123	.084	.044								
tetaf=	15.6	14.1	10.9	8.4	7.1	6.1	5.6	5.1	4.7	4.3	4.0	3.7	3.3	2.6	1.7								
w=0.7											Valores de mi												ni0= 1.57
teta=1.0	.062	.077	.090	.099	.104	.106	.103	.099	.095	.091	.086	.081	.075	.064	.048	.028							
1.5	.093	.107	.120	.131	.139	.144	.146	.145	.141	.135	.127	.116	.101	.083	.062								
2.0	.123	.137	.150	.160	.169	.176	.180	.181	.179	.172	.158	.140	.120	.097	.073								
2.5	.152	.166	.178	.189	.197	.204	.209	.210	.205	.194	.178	.157	.134	.109									
3.0	.181	.194	.206	.216	.224	.231	.234	.230	.222	.209	.192	.171	.145	.118									
3.5	.197	.219	.233	.242	.250	.254	.253	.246	.236	.221	.203	.181	.155										
4.0	.209	.233	.253	.267	.273	.273	.268	.259	.247	.231	.212												
4.5	.218	.243	.266	.284	.292	.289	.281	.271	.257														
5.0	.226	.252	.276	.295	.305	.302	.293	.281															
6.0	.240	.267	.291	.310	.320	.322																	
7.0	.251	.279	.304	.321	.331																		
8.0	.254	.286	.314	.330																			
mief=	.256	.289	.318	.333	.332	.324	.306	.285	.263	.239	.214	.187	.156	.118	.079	.038							
tetaf=	15.8	13.7	10.6	8.3	7.1	6.1	5.6	5.2	4.8	4.5	4.1	3.8	3.6	3.0	2.3	1.5							
w=0.8											Valores de mi												ni0= 1.65
teta=1.0	.069	.083	.095	.104	.109	.112	.110	.106	.103	.099	.094	.090	.085	.076	.064	.047	.025						
1.5	.103	.117	.129	.139	.147	.152	.155	.155	.152	.146	.140	.131	.118	.102	.082	.060							
2.0	.137	.150	.161	.172	.180	.187	.191	.193	.192	.187	.176	.159	.141	.119	.096	.071							
2.5	.170	.182	.193	.203	.211	.218	.223	.225	.221	.212	.198	.180	.158	.133	.108								
3.0	.202	.213	.224	.233	.241	.248	.251	.249	.241	.230	.214	.195	.171	.145									
3.5	.222	.242	.254	.263	.270	.275	.273	.267	.257	.244	.227	.206	.182										
4.0	.235	.258	.278	.291	.297	.296	.291	.282	.270	.255	.237												
4.5	.246	.271	.292	.310	.318	.314	.306	.295	.282	.265													
5.0	.255	.281	.304	.322	.332	.329	.320	.307															
6.0	.271	.297	.322	.339	.349	.351																	
7.0	.284	.311	.336	.352	.362																		
8.0	.288	.321	.347	.363																			
mief=	.290	.324	.352	.365	.362	.354	.336	.314	.291	.267	.242	.215	.186	.153	.113	.073	.031						
tetaf=	13.7	13.4	10.3	8.2	7.0	6.2	5.7	5.3	4.9	4.6	4.3	4.0	3.7	3.4	2.8	2.1	1.3						

TABELA 12c

ACO CA-50B delta=0.15 n'= 2 ni= 2

```
     ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=0.9                                                   Valores de mi                                                  ni0= 1.74
 teta=1.0 .076 .089 .100 .109 .115 .117 .117 .113 .110 .106 .102 .098 .093 .088 .077 .063 .044 .023
     1.5 .114 .126 .137 .147 .155 .160 .164 .164 .162 .157 .151 .144 .133 .119 .101 .081 .058
     2.0 .150 .162 .173 .183 .191 .198 .202 .204 .204 .202 .193 .178 .160 .141 .119 .095
     2.5 .186 .198 .208 .218 .226 .232 .237 .240 .238 .230 .218 .201 .181 .157 .133 .107
     3.0 .222 .233 .242 .251 .259 .265 .269 .267 .261 .250 .236 .218 .196 .171 .145
     3.5 .246 .265 .276 .284 .290 .295 .294 .288 .279 .266 .250 .231 .208 .183
     4.0 .261 .284 .303 .315 .320 .319 .314 .305 .294 .279 .262 .242
     4.5 .274 .298 .319 .337 .344 .339 .331 .320 .307 .291
     5.0 .284 .309 .332 .350 .359 .356 .346 .334 .319
     6.0 .302 .328 .352 .369 .378 .380
     7.0 .317 .344 .367 .383 .392
     8.0 .323 .355 .379 .395
   mief= .325 .358 .386 .396 .393 .384 .365 .342 .319 .295 .270 .244 .216 .185 .148 .108 .067 .024
  tetaf= 15.2 13.0 10.0  8.2  7.0  6.2  5.7  5.4  5.0  4.7  4.4  4.1  3.8  3.6  3.2  2.6  1.9  1.0
w=1.0                                                   Valores de mi                                                  ni0= 1.82
 teta=1.0 .083 .095 .106 .114 .120 .123 .123 .120 .117 .113 .109 .105 .101 .097 .089 .077 .061 .042
     1.5 .124 .135 .146 .155 .163 .168 .172 .173 .172 .168 .163 .157 .148 .135 .119 .101 .079 .056
     2.0 .164 .175 .185 .194 .202 .209 .213 .216 .217 .215 .209 .196 .180 .161 .140 .118 .094
     2.5 .203 .214 .223 .232 .240 .246 .251 .254 .254 .248 .237 .222 .203 .181 .157 .132
     3.0 .242 .251 .261 .269 .276 .282 .286 .286 .280 .270 .257 .240 .220 .197 .171
     3.5 .270 .287 .297 .304 .311 .316 .315 .309 .300 .288 .273 .255 .234 .210
     4.0 .287 .309 .327 .339 .344 .343 .337 .329 .317 .303 .286 .267
     4.5 .301 .325 .345 .363 .370 .365 .356 .345 .332 .316 .298
     5.0 .313 .337 .360 .378 .386 .384 .373 .360 .345
     6.0 .333 .359 .382 .398 .407 .409
     7.0 .350 .376 .399 .414 .423
     8.0 .357 .390 .412 .427
   mief= .360 .393 .420 .428 .423 .414 .395 .372 .348 .323 .298 .272 .245 .215 .183 .143 .103 .061 .015
  tetaf= 14.8 12.6  9.8  8.1  7.0  6.2  5.8  5.4  5.1  4.8  4.5  4.2  4.0  3.7  3.5  3.0  2.4  1.7  0.7
w=1.1                                                   Valores de mi                                                  ni0= 1.90
 teta=1.0 .090 .101 .111 .120 .125 .129 .129 .127 .124 .120 .117 .113 .109 .105 .100 .090 .077 .060 .039
     1.5 .134 .145 .155 .164 .171 .177 .180 .182 .181 .179 .174 .168 .161 .150 .136 .119 .099 .078 .054
     2.0 .177 .187 .197 .206 .213 .220 .224 .227 .228 .228 .224 .214 .199 .181 .161 .140 .117 .092
     2.5 .219 .229 .238 .247 .254 .260 .265 .268 .269 .265 .255 .242 .224 .204 .181 .157 .131
     3.0 .261 .270 .279 .286 .293 .299 .303 .304 .299 .290 .277 .262 .243 .222 .197 .171
     3.5 .294 .310 .318 .325 .331 .336 .336 .330 .321 .310 .295 .278 .258 .236 .211
     4.0 .313 .334 .352 .363 .367 .366 .360 .352 .340 .327 .310 .292 .271
     4.5 .329 .352 .372 .389 .396 .390 .381 .370 .357 .341 .324
     5.0 .342 .366 .388 .405 .413 .411 .400 .387 .372
     6.0 .364 .389 .412 .428 .436 .438
     7.0 .382 .408 .430 .445 .453
     8.0 .392 .424 .445 .459
   mief= .395 .427 .454 .459 .454 .443 .425 .401 .377 .352 .327 .301 .273 .245 .214 .178 .138 .097 .055
  tetaf= 14.5 12.3  9.6  8.0  7.0  6.3  5.8  5.5  5.2  4.9  4.6  4.3  4.1  3.8  3.6  3.3  2.8  2.2  1.5
w=1.2                                                   Valores de mi                                                  ni0= 1.98
 teta=1.0 .096 .107 .117 .125 .131 .134 .135 .134 .131 .127 .124 .120 .117 .113 .109 .102 .091 .076 .058 .037
     1.5 .143 .154 .164 .172 .179 .185 .189 .191 .191 .189 .184 .179 .174 .165 .152 .137 .119 .098 .076
     2.0 .190 .200 .209 .217 .225 .231 .235 .238 .240 .240 .238 .230 .217 .200 .182 .161 .139 .116 .090
     2.5 .235 .245 .253 .261 .268 .274 .279 .282 .284 .281 .273 .261 .245 .226 .204 .181 .156 .130
     3.0 .280 .289 .297 .304 .311 .316 .320 .322 .318 .309 .298 .283 .266 .246 .223 .197 .171
     3.5 .317 .332 .339 .346 .352 .356 .356 .351 .343 .332 .318 .301 .282 .261 .238 .212
     4.0 .339 .359 .376 .386 .391 .389 .384 .375 .364 .350 .335 .317 .297
     4.5 .356 .378 .398 .415 .422 .416 .407 .396 .382 .367 .350
     5.0 .370 .394 .416 .433 .440 .438 .427 .413 .398
     6.0 .395 .419 .442 .457 .465 .467
     7.0 .415 .440 .461 .475 .484
     8.0 .427 .458 .477
   mief= .429 .462 .488 .491 .484 .473 .455 .430 .406 .381 .355 .329 .302 .274 .244 .212 .173 .132 .091 .048
  tetaf= 14.1 11.9  9.4  8.0  7.0  6.3  5.8  5.5  5.2  5.0  4.7  4.4  4.2  4.0  3.7  3.5  3.1  2.6  2.0  1.4
```

TABELA 12d

ACO CA-50B delta=0.15 n'= 2 ni= 2

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40

w=1.4 Valores de mi ni0= 2.14

teta=1.0	.109	.119	.128	.136	.141	.145	.147	.147	.144	.141	.138	.135	.132	.128	.125	.121	.115	.104	.090	.073	.053		
1.5	.163	.172	.181	.189	.196	.201	.205	.208	.209	.208	.205	.201	.196	.191	.182	.169	.154	.136	.117	.095	.072		
2.0	.215	.224	.233	.240	.247	.253	.257	.261	.263	.264	.263	.260	.251	.237	.221	.202	.182	.160	.137	.113			
2.5	.267	.276	.283	.290	.297	.302	.307	.310	.313	.313	.308	.298	.285	.269	.249	.227	.204	.180	.155				
3.0	.318	.326	.333	.340	.345	.350	.355	.358	.355	.348	.338	.325	.310	.292	.271	.248	.223	.197					
3.5	.363	.375	.382	.387	.393	.397	.398	.394	.386	.375	.362	.347	.330	.310	.289	.265	.239						
4.0	.390	.409	.425	.434	.438	.437	.431	.422	.411	.398	.383	.366	.347	.326									
4.5	.410	.432	.451	.467	.473	.467	.458	.446	.433	.418	.401	.382											
5.0	.427	.450	.471	.488	.495	.493	.481	.467	.452	.435													
6.0	.456	.480	.502	.516	.523	.525																	
7.0	.479	.505	.524	.537	.545																		
8.0	.496	.525	.542																				
mief=	.499	.530	.556	.553	.545	.533	.515	.490	.464	.439	.413	.386	.359	.332	.303	.273	.241	.203	.162	.121	.078		
tetaf=	13.6	11.4	9.0	7.9	7.0	6.4	5.9	5.6	5.4	5.1	4.9	4.6	4.4	4.2	4.0	3.8	3.6	3.2	2.7	2.2	1.7		

w=1.6 Valores de mi ni0= 2.31

teta=1.0	.122	.131	.139	.147	.152	.156	.159	.159	.157	.154	.152	.149	.146	.143	.140	.136	.133	.128	.117	.104	.088	.048	
1.5	.182	.190	.199	.206	.212	.218	.222	.225	.226	.226	.225	.222	.218	.213	.208	.199	.186	.171	.154	.135	.114		
2.0	.241	.249	.256	.263	.270	.275	.280	.283	.286	.287	.287	.286	.282	.272	.258	.241	.223	.203	.181	.159	.135		
2.5	.299	.306	.313	.320	.326	.331	.335	.339	.342	.343	.341	.334	.323	.309	.292	.272	.251	.228	.204	.179			
3.0	.356	.363	.369	.375	.380	.385	.389	.392	.392	.387	.378	.366	.352	.336	.317	.296	.274	.249	.223				
3.5	.409	.418	.424	.429	.434	.438	.440	.436	.429	.419	.407	.392	.376	.358	.338	.316	.293	.267					
4.0	.441	.459	.473	.481	.485	.484	.478	.469	.458	.446	.431	.415	.397	.377	.356								
4.5	.464	.485	.504	.520	.525	.519	.509	.497	.484	.469	.452	.434	.415										
5.0	.484	.506	.527	.542	.549	.547	.535	.521	.506	.489													
6.0	.517	.541	.561	.574	.581	.583																	
7.0	.544	.568	.586	.598	.606																		
8.0	.565	.590	.607																				
mief=	.568	.599	.621	.615	.606	.593	.575	.550	.524	.497	.471	.444	.417	.389	.361	.332	.302	.270	.233	.192	.151	.065	
tetaf=	13.1	10.9	8.8	7.8	7.0	6.4	5.9	5.7	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.3	2.9	2.4	1.4	

w=1.8 Valores de mi ni0= 2.47

teta=1.0	.135	.143	.151	.157	.163	.167	.170	.171	.170	.168	.165	.162	.160	.157	.154	.151	.148	.145	.140	.130	.117	.084	.043
1.5	.201	.209	.216	.223	.229	.234	.238	.241	.243	.244	.244	.242	.238	.234	.230	.225	.216	.203	.189	.172	.153	.110	
2.0	.266	.273	.280	.287	.292	.298	.302	.306	.309	.310	.311	.311	.310	.304	.293	.278	.262	.243	.223	.202	.180	.132	
2.5	.330	.337	.343	.349	.355	.359	.364	.367	.370	.372	.373	.368	.359	.347	.332	.315	.296	.274	.251	.227	.203		
3.0	.393	.399	.405	.410	.415	.420	.423	.427	.428	.425	.417	.407	.394	.379	.362	.343	.322	.299	.275	.249			
3.5	.453	.460	.465	.470	.475	.478	.481	.479	.472	.463	.451	.437	.422	.405	.386	.366	.344	.320	.295				
4.0	.491	.508	.522	.529	.532	.531	.525	.517	.506	.493	.479	.463	.446	.427	.407	.386							
4.5	.518	.538	.557	.572	.577	.570	.560	.548	.535	.520	.504	.486	.467	.447									
5.0	.541	.563	.583	.597	.604	.602	.590	.576	.560	.543	.525												
6.0	.578	.602	.621	.633	.640	.641																	
7.0	.609	.632	.648	.660	.667																		
8.0	.634	.656	.671																				
mief=	.638	.668	.685	.677	.667	.654	.635	.610	.583	.557	.530	.502	.475	.447	.419	.390	.361	.331	.299	.264	.223	.139	.050
tetaf=	12.6	10.4	8.6	7.8	7.0	6.4	6.0	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	4.0	3.8	3.6	3.4	3.0	2.2	1.2

w=2.0 Valores de mi ni0= 2.64

teta=1.0	.147	.155	.162	.169	.174	.178	.181	.182	.182	.181	.178	.176	.173	.171	.168	.165	.163	.160	.157	.153	.143	.116	.080
1.5	.219	.227	.234	.240	.246	.251	.255	.258	.260	.262	.262	.261	.259	.255	.251	.247	.242	.233	.220	.206	.189	.151	.107
2.0	.291	.297	.304	.310	.315	.320	.325	.328	.331	.333	.335	.335	.334	.332	.325	.314	.299	.282	.264	.244	.223	.178	
2.5	.361	.367	.373	.378	.384	.388	.392	.396	.399	.401	.402	.401	.394	.384	.371	.356	.338	.319	.297	.275	.251	.202	
3.0	.430	.435	.441	.446	.450	.454	.458	.461	.464	.462	.456	.447	.435	.421	.405	.388	.368	.347	.325	.300	.275		
3.5	.497	.503	.507	.512	.516	.519	.522	.521	.515	.506	.495	.482	.467	.451	.433	.414	.393	.371	.348	.323			
4.0	.541	.557	.570	.576	.580	.578	.573	.564	.554	.541	.527	.512	.495	.477	.457	.437	.415						
4.5	.572	.591	.609	.624	.629	.622	.612	.600	.586	.571	.555	.538	.519	.500									
5.0	.597	.619	.639	.652	.658	.656	.645	.630	.614	.598	.580	.561											
6.0	.639	.662	.680	.691	.698	.699	.694																
7.0	.673	.695	.710	.721	.727																		
8.0	.702	.721	.736																				
mief=	.707	.736	.748	.739	.728	.714	.695	.671	.643	.616	.589	.561	.534	.506	.477	.449	.420	.390	.359	.328	.294	.211	.126
tetaf=	12.1	10.0	8.5	7.7	7.0	6.5	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.5	4.3	4.1	3.9	3.8	3.6	3.4	2.7	1.9

TABELA 13a

ACO CA-50B delta=0.05 n'= 10 ni= 8

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.1										Valores de mi													ni0= 1.08
teta=1.0	.013	.041	.059	.069	.070	.065	.060	.053	.046	.036	.022												
1.5	.019	.048	.070	.084	.092	.093	.087	.077	.065	.049	.028												
2.0	.026	.055	.078	.095	.106	.110	.107	.096	.079	.057	.031												
2.5	.030	.061	.086	.104	.116	.122	.119	.108	.088	.063													
3.0	.033	.066	.092	.111	.124	.129	.126	.115	.095	.067													
3.5	.035	.069	.096	.117	.130	.135	.131	.119	.099														
4.0	.037	.071	.100	.122	.135	.139	.135	.123															
4.5	.038	.074	.103	.125	.138	.142	.138																
5.0	.040	.076	.105	.127	.140	.145																	
6.0	.041	.079	.109	.131	.144																		
7.0	.042	.080	.111	.133	.146																		
8.0	.043	.082	.113	.135																			
mief=	.045	.084	.115	.136	.146	.148	.140	.124	.101	.069	.032												
tetaf=	11.9	13.2	12.4	9.0	7.1	5.8	5.0	4.3	3.8	3.2	2.1												
w=0.2										Valores de mi													ni0= 1.16
teta=1.0	.023	.047	.064	.074	.077	.073	.068	.062	.056	.048	.037	.020											
1.5	.035	.059	.079	.092	.100	.103	.099	.091	.080	.066	.049	.025											
2.0	.046	.070	.091	.106	.117	.122	.121	.113	.098	.079	.056												
2.5	.054	.081	.102	.119	.130	.136	.135	.127	.111	.088	.062												
3.0	.060	.089	.113	.130	.141	.146	.144	.135	.119	.095													
3.5	.065	.095	.120	.139	.150	.154	.151	.141	.125	.101													
4.0	.069	.100	.125	.145	.157	.160	.156	.146	.129														
4.5	.072	.104	.130	.150	.161	.166	.161	.150															
5.0	.075	.107	.134	.153	.165	.169	.165																
6.0	.079	.113	.140	.159	.171																		
7.0	.081	.116	.144	.163	.174																		
8.0	.083	.118	.146	.166																			
mief=	.086	.123	.150	.167	.175	.174	.166	.150	.129	.102	.066	.027											
tetaf=	12.5	13.8	11.3	8.7	7.1	6.0	5.1	4.5	4.0	3.6	2.9	1.8											
w=0.3										Valores de mi													ni0= 1.25
teta=1.0	.032	.054	.069	.079	.083	.080	.076	.070	.065	.058	.049	.037	.018										
1.5	.048	.070	.087	.100	.109	.112	.110	.103	.094	.082	.067	.048											
2.0	.064	.085	.103	.118	.128	.134	.134	.129	.116	.099	.079	.055											
2.5	.077	.100	.118	.133	.144	.150	.150	.144	.131	.112	.088	.061											
3.0	.086	.112	.133	.148	.158	.163	.162	.155	.141	.121	.095												
3.5	.093	.120	.142	.160	.170	.173	.171	.163	.148	.128													
4.0	.099	.127	.150	.168	.179	.182	.178	.169	.154														
4.5	.104	.132	.157	.174	.185	.189	.185	.175															
5.0	.108	.137	.162	.179	.190	.194	.190																
6.0	.115	.146	.170	.187	.197	.201																	
7.0	.118	.151	.176	.193	.203																		
8.0	.121	.153	.179	.197																			
mief=	.127	.160	.183	.198	.203	.201	.193	.177	.157	.132	.101	.062	.022										
tetaf=	13.0	14.1	10.6	8.4	7.1	6.1	5.3	4.7	4.2	3.8	3.4	2.6	1.4										
w=0.4										Valores de mi													ni0= 1.33
teta=1.0	.041	.060	.075	.084	.089	.088	.083	.078	.073	.068	.061	.050	.036	.015									
1.5	.061	.080	.096	.108	.117	.121	.121	.116	.107	.096	.083	.067	.046										
2.0	.081	.099	.116	.129	.139	.145	.147	.143	.134	.118	.100	.079	.054										
2.5	.098	.118	.135	.148	.158	.165	.166	.161	.151	.134	.112	.088											
3.0	.110	.133	.152	.166	.176	.180	.180	.174	.162	.145	.122	.095											
3.5	.119	.144	.165	.181	.190	.193	.191	.183	.171	.153	.130												
4.0	.127	.153	.175	.191	.201	.204	.200	.192	.178	.160													
4.5	.134	.160	.183	.199	.209	.212	.208	.199															
5.0	.140	.167	.189	.205	.215	.218	.216																
6.0	.149	.178	.199	.215	.224	.228																	
7.0	.154	.184	.207	.222	.231																		
8.0	.158	.187	.211	.227																			
mief=	.166	.195	.215	.228	.231	.229	.220	.204	.184	.160	.133	.097	.058	.015									
tetaf=	13.5	12.9	10.1	8.3	7.0	6.1	5.4	4.9	4.4	4.0	3.7	3.1	2.3	1.0									

TABELA 13b

ACO CA-508 delta=0.05 n'= 10 ni= 9

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      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=0.5
                                                Valores de mi
 teta=1.0 .049 .066 .080 .090 .094 .095 .091 .086 .081 .076 .071 .062 .051 .034                                    ni0= 1.4
      1.5 .073 .090 .105 .117 .125 .130 .130 .127 .120 .110 .099 .084 .067 .044
      2.0 .096 .113 .128 .141 .150 .157 .159 .157 .150 .137 .120 .100 .078
      2.5 .118 .136 .151 .163 .173 .179 .181 .177 .169 .155 .136 .113 .087
      3.0 .133 .154 .172 .184 .193 .197 .197 .192 .182 .168 .148 .123
      3.5 .145 .168 .187 .202 .210 .213 .211 .204 .193 .177 .157 .132
      4.0 .154 .179 .199 .214 .224 .226 .222 .214 .202 .186
      4.5 .163 .188 .209 .223 .233 .236 .232 .223 .210
      5.0 .170 .196 .216 .231 .240 .243 .241 .231
      6.0 .183 .209 .228 .242 .251 .254
      7.0 .190 .216 .237 .251 .259
      8.0 .194 .221 .242 .258
    mief= .204 .230 .247 .258 .260 .256 .247 .231 .211 .189 .162 .132 .093 .052 .007
   tetaf= 13.9 12.0  9.7  8.1  7.0  6.2  5.5  5.0  4.6  4.2  3.8  3.5  2.9  2.0  0.6
w=0.6
                                                Valores de mi
 teta=1.0 .057 .073 .086 .095 .100 .101 .098 .094 .089 .085 .080 .073 .063 .050 .032                                ni0= 1.49
      1.5 .084 .100 .114 .125 .133 .138 .140 .138 .132 .124 .113 .100 .085 .066 .042
      2.0 .112 .127 .141 .152 .161 .168 .171 .171 .165 .154 .139 .121 .100 .077
      2.5 .137 .153 .166 .178 .187 .194 .196 .193 .186 .175 .158 .136 .113 .087
      3.0 .155 .175 .191 .203 .211 .215 .215 .211 .202 .189 .171 .149 .123
      3.5 .169 .191 .209 .224 .231 .233 .231 .225 .215 .200 .182 .159
      4.0 .181 .204 .223 .238 .246 .248 .244 .237 .225 .210 .191
      4.5 .191 .215 .234 .248 .256 .260 .256 .247 .235
      5.0 .200 .224 .243 .257 .265 .268 .266 .257
      6.0 .216 .239 .257 .270 .278 .281
      7.0 .224 .249 .267 .280 .288
      8.0 .228 .254 .274 .288
    mief= .241 .263 .279 .288 .288 .284 .275 .259 .239 .217 .191 .163 .129 .089 .046
   tetaf= 14.1 11.3  9.4  8.0  7.0  6.3  5.6  5.1  4.7  4.4  4.0  3.7  3.3  2.6  1.7
w=0.7
                                                Valores de mi
 teta=1.0 .064 .079 .091 .100 .106 .107 .105 .101 .097 .093 .088 .083 .075 .064 .050 .030                           ni0= 1.57
      1.5 .095 .110 .123 .133 .141 .147 .149 .148 .144 .137 .127 .116 .102 .085 .064
      2.0 .126 .140 .153 .164 .173 .179 .183 .184 .179 .170 .157 .140 .122 .100 .076
      2.5 .156 .170 .182 .193 .202 .208 .211 .209 .203 .193 .179 .159 .137 .113
      3.0 .177 .196 .211 .221 .229 .232 .232 .229 .221 .210 .194 .174 .150 .124
      3.5 .194 .214 .231 .245 .251 .253 .251 .245 .236 .223 .206 .186 .161
      4.0 .207 .229 .247 .261 .268 .270 .266 .259 .248 .234 .217
      4.5 .219 .242 .260 .272 .280 .283 .280 .272 .259 .244
      5.0 .230 .252 .270 .282 .290 .293 .291 .283
      6.0 .247 .269 .285 .297 .305 .308
      7.0 .257 .280 .297 .309 .316
      8.0 .262 .286 .305
    mief= .276 .296 .310 .318 .317 .311 .302 .288 .267 .245 .220 .193 .163 .125 .084 .040
   tetaf= 13.2 10.8  9.1  7.9  7.0  6.3  5.7  5.2  4.9  4.5  4.2  3.9  3.6  3.1  2.4  1.5
w=0.8
                                                Valores de mi
 teta=1.0 .071 .085 .097 .106 .111 .114 .112 .108 .105 .100 .096 .092 .085 .076 .064 .048 .027                      ni0= 1.65
      1.5 .106 .120 .132 .142 .150 .155 .158 .158 .155 .149 .140 .130 .118 .103 .084 .063
      2.0 .141 .154 .165 .176 .184 .191 .195 .196 .193 .186 .175 .159 .142 .122 .100 .075
      2.5 .174 .187 .198 .208 .216 .223 .226 .225 .220 .211 .198 .181 .160 .137 .113
      3.0 .199 .216 .230 .239 .247 .250 .250 .247 .240 .230 .216 .198 .176 .151
      3.5 .217 .237 .253 .266 .272 .273 .271 .265 .257 .245 .230 .211 .189
      4.0 .233 .254 .271 .284 .291 .293 .289 .281 .271 .258 .242 .222
      4.5 .247 .268 .285 .297 .304 .307 .305 .296 .284 .270
      5.0 .259 .280 .296 .308 .315 .318 .316 .309
      6.0 .278 .298 .314 .325 .332 .334
      7.0 .289 .311 .327 .338 .344
      8.0 .296 .318 .336
    mief= .310 .328 .341 .347 .345 .339 .330 .316 .295 .273 .249 .222 .194 .161 .120 .078 .033
   tetaf= 12.4 10.4  8.9  7.8  7.0  6.4  5.8  5.3  5.0  4.6  4.3  4.0  3.7  3.4  2.8  2.1  1.2
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TABELA 13c

ACO CA-50B delta=0.05 n'= 10 ni= 8

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ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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Valores de mi

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0.9
eta=1.0 .078 .091 .103 .111 .117 .120 .119 .116 .112 .108 .104 .100 .095 .088 .077 .064 .046 .025
    1.5 .117 .129 .141 .150 .158 .164 .167 .167 .165 .161 .153 .144 .133 .119 .103 .084 .061
    2.0 .155 .167 .178 .187 .196 .202 .206 .209 .207 .201 .191 .177 .161 .143 .122 .099
    2.5 .192 .203 .214 .223 .231 .237 .241 .240 .236 .229 .217 .202 .183 .161 .138 .112
    3.0 .220 .236 .249 .258 .265 .268 .268 .265 .259 .249 .237 .220 .201 .177 .151
    3.5 .241 .259 .275 .287 .293 .294 .291 .286 .278 .267 .252 .235 .215 .191
    4.0 .258 .278 .295 .306 .313 .315 .311 .304 .294 .282 .266 .248
    4.5 .274 .294 .310 .321 .328 .331 .329 .320 .309 .295
    5.0 .287 .307 .322 .333 .340 .343 .341 .335 .322
    6.0 .308 .327 .342 .352 .359 .361
    7.0 .322 .342 .356 .367 .373
    8.0 .329 .350 .366
  mief= .344 .360 .371 .376 .373 .367 .358 .344 .324 .301 .277 .251 .224 .194 .157 .115 .072 .025
  tetaf= 11.7 10.0  8.7  7.8  7.0  6.4  5.9  5.4  5.1  4.7  4.4  4.2  3.9  3.6  3.2  2.6  1.9  1.0
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ni0= 1.82

Valores de mi

```
w=1.0
 teta=1.0 .085 .098 .108 .117 .123 .126 .126 .123 .119 .116 .112 .108 .104 .098 .089 .078 .063 .044
     1.5 .127 .139 .150 .159 .167 .172 .176 .177 .176 .172 .166 .157 .147 .135 .120 .103 .083 .059
     2.0 .168 .180 .190 .199 .207 .213 .218 .221 .220 .215 .207 .195 .180 .162 .143 .122 .098
     2.5 .209 .220 .229 .238 .246 .252 .256 .255 .252 .245 .236 .222 .205 .184 .162 .138
     3.0 .240 .256 .268 .276 .283 .286 .286 .283 .277 .269 .257 .242 .224 .203 .178 .152
     3.5 .264 .282 .297 .308 .314 .314 .311 .306 .299 .288 .275 .259 .240 .218 .192
     4.0 .284 .303 .319 .329 .336 .338 .334 .327 .317 .305 .290 .273 .253
     4.5 .301 .320 .335 .346 .352 .354 .353 .345 .334 .320 .304
     5.0 .316 .334 .348 .359 .365 .368 .366 .360 .349
     6.0 .338 .356 .369 .379 .386 .388
     7.0 .354 .373 .386 .395 .401
     8.0 .362 .382 .397
   mief= .377 .391 .402 .405 .402 .395 .385 .372 .353 .330 .306 .280 .253 .224 .193 .152 .110 .065 .015
  tetaf= 11.2  9.8  8.6  7.7  7.0  6.4  5.9  5.5  5.1  4.8  4.6  4.3  4.0  3.8  3.5  3.0  2.4  1.7  0.7
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ni0= 1.90

Valores de mi

```
w=1.1
 teta=1.0 .092 .104 .114 .122 .128 .131 .132 .130 .126 .123 .119 .116 .112 .107 .100 .090 .078 .062 .042
     1.5 .138 .149 .159 .168 .175 .181 .184 .186 .185 .183 .178 .170 .161 .149 .136 .121 .102 .081 .058
     2.0 .182 .193 .202 .211 .219 .225 .229 .232 .233 .229 .222 .212 .198 .182 .163 .144 .122 .097
     2.5 .226 .236 .245 .253 .261 .267 .271 .271 .268 .262 .253 .241 .226 .207 .185 .162 .138
     3.0 .261 .275 .287 .294 .301 .304 .304 .301 .296 .288 .277 .263 .247 .227 .204 .179
     3.5 .287 .304 .319 .330 .335 .335 .332 .327 .319 .309 .297 .282 .264 .243 .220
     4.0 .309 .327 .342 .352 .359 .360 .357 .349 .340 .328 .314 .298 .279
     4.5 .327 .346 .360 .370 .376 .378 .377 .369 .358 .345 .330
     5.0 .344 .361 .374 .384 .390 .393 .391 .386 .375
     6.0 .368 .385 .397 .406 .412 .414 .413
     7.0 .385 .403 .415 .424 .429
     8.0 .394 .413 .428
   mief= .409 .423 .432 .434 .430 .423 .413 .400 .382 .358 .334 .309 .283 .255 .224 .189 .147 .104 .058
  tetaf= 10.9  9.5  8.5  7.7  7.0  6.5  6.0  5.6  5.2  4.9  4.7  4.4  4.1  3.9  3.7  3.3  2.8  2.2  1.5
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ni0= 1.98

Valores de mi

```
w=1.2
 teta=1.0 .099 .110 .120 .128 .134 .137 .138 .137 .133 .130 .127 .123 .120 .116 .110 .102 .091 .078 .060 .040
     1.5 .148 .158 .168 .176 .184 .189 .193 .195 .195 .193 .189 .183 .174 .164 .152 .137 .121 .102 .080
     2.0 .196 .206 .215 .223 .230 .236 .241 .244 .246 .243 .237 .228 .215 .200 .183 .164 .144 .121 .096
     2.5 .243 .252 .261 .269 .275 .281 .285 .286 .284 .279 .271 .260 .246 .228 .208 .186 .163 .138
     3.0 .281 .295 .306 .313 .319 .322 .322 .319 .314 .307 .297 .284 .269 .250 .229 .205 .180
     3.5 .310 .326 .340 .351 .356 .355 .352 .347 .340 .331 .319 .304 .288 .268 .246 .222
     4.0 .333 .351 .365 .375 .381 .383 .379 .372 .363 .352 .338 .322 .304 .284
     4.5 .354 .372 .384 .394 .400 .402 .401 .394 .383 .370 .355
     5.0 .371 .387 .400 .409 .415 .418 .416 .411 .402 .387
     6.0 .397 .413 .425 .433 .439 .441 .440
     7.0 .416 .433 .444 .453 .458
     8.0 .426 .444 .458
   mief= .441 .454 .462 .463 .458 .451 .441 .428 .411 .387 .363 .338 .312 .284 .255 .224 .185 .142 .098 .051
  tetaf= 10.5  9.3  8.4  7.6  7.0  6.5  6.0  5.6  5.3  5.0  4.7  4.5  4.2  4.0  3.8  3.6  3.2  2.6  2.0  1.3
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TABELA 13d

ACO CA-50B delta=0.05 n'= 10 ni= 8

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=1.4											Valores de mi												ni0= 2.14
teta=1.0	.113	.123	.132	.139	.145	.149	.150	.150	.147	.144	.141	.138	.135	.132	.128	.123	.115	.104	.092	.076	.056		
1.5	.168	.177	.186	.194	.201	.206	.210	.213	.214	.213	.210	.206	.199	.191	.181	.169	.155	.139	.120	.100	.077		
2.0	.222	.231	.239	.247	.254	.260	.264	.268	.270	.269	.265	.258	.249	.236	.221	.204	.185	.165	.143	.120			
2.5	.276	.284	.292	.299	.305	.311	.315	.317	.315	.311	.305	.296	.284	.269	.252	.232	.210	.188	.163				
3.0	.321	.334	.343	.350	.355	.358	.358	.356	.351	.345	.336	.325	.311	.295	.277	.256	.232	.207					
3.5	.355	.370	.384	.393	.398	.397	.394	.389	.382	.373	.362	.349	.334	.317	.297	.275	.251						
4.0	.383	.399	.412	.421	.426	.428	.425	.418	.409	.398	.385	.370	.354	.336	.315								
4.5	.406	.422	.434	.443	.448	.450	.449	.443	.433	.420	.406	.390											
5.0	.426	.440	.452	.460	.465	.468	.466	.462	.454	.440													
6.0	.455	.470	.480	.488	.493	.495	.494																
7.0	.478	.492	.502	.510	.514																		
8.0	.490	.506	.519																				
mief=	.505	.515	.522	.521	.515	.507	.497	.484	.467	.446	.421	.396	.370	.343	.315	.286	.255	.217	.174	.130	.084		
tetaf=	10.0	9.0	8.2	7.6	7.0	6.5	6.1	5.7	5.4	5.1	4.9	4.7	4.4	4.2	4.0	3.8	3.6	3.3	2.8	2.3	1.7		
w=1.6											Valores de mi												ni0= 2.31
teta=1.0	.126	.135	.143	.150	.156	.160	.162	.163	.161	.158	.156	.153	.150	.147	.143	.140	.135	.127	.117	.105	.090	.052	
1.5	.188	.196	.204	.212	.218	.223	.227	.230	.232	.232	.231	.228	.223	.216	.208	.197	.186	.172	.156	.139	.119		
2.0	.249	.257	.264	.271	.277	.283	.287	.291	.294	.295	.292	.287	.280	.269	.256	.241	.224	.206	.187	.165	.142		
2.5	.308	.316	.323	.329	.335	.341	.345	.347	.346	.343	.338	.330	.320	.308	.293	.275	.256	.235	.212	.188			
3.0	.361	.373	.381	.387	.392	.394	.394	.392	.388	.382	.374	.364	.352	.338	.321	.303	.282	.259	.234				
3.5	.399	.414	.427	.435	.439	.438	.435	.430	.424	.415	.405	.393	.379	.363	.346	.326	.304	.281					
4.0	.431	.447	.459	.467	.472	.473	.471	.464	.455	.444	.432	.418	.403	.386	.367	.346							
4.5	.458	.472	.483	.491	.496	.498	.497	.492	.482	.470	.456	.441	.424										
5.0	.479	.493	.503	.511	.515	.518	.517	.512	.506	.494	.478												
6.0	.513	.525	.535	.542	.547	.548	.548																
7.0	.539	.550	.560	.567	.571																		
8.0	.552	.567	.580																				
mief=	.567	.576	.581	.578	.572	.563	.553	.540	.524	.505	.480	.455	.429	.402	.375	.346	.317	.286	.250	.207	.163	.069	
tetaf=	9.6	8.8	8.1	7.5	7.0	6.6	6.2	5.8	5.5	5.3	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.4	2.9	2.5	1.4	
w=1.8											Valores de mi												ni0= 2.47
teta=1.0	.139	.147	.155	.162	.167	.172	.174	.175	.174	.172	.169	.167	.164	.161	.158	.155	.152	.147	.140	.130	.119	.088	.047
1.5	.207	.215	.223	.229	.235	.241	.245	.248	.250	.251	.250	.248	.245	.240	.233	.225	.214	.203	.189	.174	.157	.117	
2.0	.274	.282	.289	.295	.301	.306	.311	.314	.317	.319	.319	.315	.309	.301	.290	.277	.261	.245	.227	.208	.187	.141	
2.5	.341	.348	.354	.360	.365	.370	.375	.378	.377	.375	.370	.364	.355	.345	.332	.317	.299	.279	.259	.236	.213		
3.0	.400	.411	.418	.423	.428	.431	.430	.429	.425	.419	.412	.403	.392	.379	.365	.348	.329	.309	.286	.262	.236		
3.5	.444	.458	.470	.478	.481	.480	.477	.472	.465	.457	.448	.436	.423	.409	.392	.374	.355	.333	.310				
4.0	.480	.494	.505	.513	.517	.519	.516	.509	.501	.490	.479	.466	.451	.435	.417	.398	.377						
4.5	.509	.522	.532	.540	.544	.546	.545	.541	.532	.520	.507	.492	.476	.458									
5.0	.532	.545	.555	.561	.566	.568	.567	.563	.557	.547	.532												
6.0	.569	.581	.589	.596	.601	.602	.601																
7.0	.598	.609	.618	.624	.628																		
8.0	.614	.628																					
mief=	.629	.636	.640	.635	.628	.620	.609	.596	.581	.562	.539	.513	.487	.461	.434	.406	.377	.347	.316	.283	.239	.150	.052
tetaf=	9.3	8.6	8.0	7.5	7.0	6.6	6.3	5.9	5.6	5.4	5.1	4.9	4.8	4.6	4.4	4.2	4.0	3.8	3.7	3.5	3.1	2.2	1.1
w=2.0											Valores de mi												ni0= 2.64
teta=1.0	.152	.160	.167	.173	.179	.183	.186	.187	.187	.186	.183	.181	.178	.176	.173	.170	.168	.165	.160	.153	.143	.119	.084
1.5	.227	.234	.241	.247	.253	.258	.262	.265	.268	.269	.269	.268	.266	.262	.257	.250	.241	.231	.219	.206	.191	.156	.114
2.0	.300	.307	.314	.320	.325	.330	.334	.338	.341	.343	.344	.342	.337	.331	.322	.311	.297	.282	.266	.248	.229	.187	
2.5	.373	.379	.385	.391	.396	.400	.404	.408	.408	.406	.403	.397	.389	.380	.369	.355	.340	.323	.303	.283	.261	.214	
3.0	.439	.449	.455	.460	.465	.467	.467	.465	.462	.457	.450	.442	.431	.420	.406	.391	.374	.355	.335	.312	.289		
3.5	.488	.501	.513	.520	.524	.522	.519	.514	.507	.499	.490	.479	.467	.454	.438	.421	.403	.383	.362	.339	.314		
4.0	.528	.541	.551	.558	.563	.564	.562	.555	.547	.537	.525	.513	.499	.483	.466	.449	.429	.408					
4.5	.560	.572	.581	.588	.592	.593	.593	.589	.582	.570	.557	.543	.527	.510	.492								
5.0	.585	.597	.606	.612	.616	.618	.617	.613	.608	.599	.586	.570											
6.0	.626	.636	.644	.650	.655	.656	.655	.652															
7.0	.657	.667	.675	.681	.684																		
8.0	.676	.690																					
mief=	.690	.696	.698	.692	.685	.676	.665	.652	.637	.620	.598	.573	.546	.520	.493	.466	.437	.408	.378	.347	.315	.228	.136
tetaf=	9.1	8.4	7.9	7.4	7.0	6.6	6.3	6.0	5.7	5.5	5.2	5.0	4.9	4.7	4.5	4.3	4.2	4.0	3.8	3.7	3.5	2.8	1.9

TABELA 14a

ACO CA-50B delta=0.10 n'= 10 ni= 8

	ni= 0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.20	2.40
w=0.1											Valores de mi												ni0= 1.08
teta=1.0	.012	.039	.058	.067	.069	.064	.058	.052	.045	.035	.022												
1.5	.017	.046	.068	.083	.090	.091	.085	.075	.063	.048	.027												
2.0	.023	.052	.076	.093	.104	.108	.105	.094	.077	.056	.030												
2.5	.027	.058	.082	.101	.113	.119	.116	.106	.086	.061													
3.0	.030	.063	.088	.108	.121	.126	.123	.112	.093	.066													
3.5	.033	.066	.093	.113	.126	.131	.128	.117	.097														
4.0	.034	.069	.096	.118	.131	.135	.131	.120															
4.5	.036	.071	.099	.121	.134	.138	.134																
5.0	.038	.073	.102	.123	.136	.141																	
6.0	.040	.076	.105	.127	.140																		
7.0	.041	.078	.108	.129	.142																		
8.0	.041	.079	.109	.131																			
mief=	.043	.082	.112	.132	.142	.144	.136	.121	.099	.067	.031												
tetaf=	12.8	14.2	12.2	8.9	7.1	5.8	5.0	4.3	3.8	3.3	2.2												
w=0.2											Valores de mi												ni0= 1.16
teta=1.0	.021	.045	.061	.071	.074	.070	.065	.060	.053	.046	.035	.019											
1.5	.031	.055	.075	.088	.097	.099	.095	.087	.076	.063	.046	.024											
2.0	.041	.065	.086	.101	.112	.117	.117	.109	.094	.076	.054												
2.5	.050	.075	.096	.112	.124	.130	.130	.122	.107	.085	.059												
3.0	.055	.083	.105	.122	.134	.140	.138	.130	.115	.092													
3.5	.060	.089	.113	.131	.142	.147	.145	.136	.120	.097													
4.0	.064	.093	.118	.137	.149	.152	.149	.140	.124														
4.5	.067	.097	.123	.142	.154	.157	.153	.144															
5.0	.070	.101	.126	.146	.157	.161	.157																
6.0	.074	.106	.132	.151	.162																		
7.0	.077	.110	.137	.155	.166																		
8.0	.078	.112	.139	.158																			
mief=	.082	.117	.143	.159	.167	.166	.158	.144	.124	.098	.063	.026											
tetaf=	13.6	14.9	11.1	8.6	7.1	6.0	5.2	4.6	4.1	3.6	2.9	1.8											
w=0.3											Valores de mi												ni0= 1.25
teta=1.0	.028	.050	.065	.075	.079	.077	.072	.067	.061	.055	.046	.034	.016										
1.5	.042	.064	.081	.095	.103	.106	.104	.098	.089	.077	.063	.045											
2.0	.056	.077	.096	.110	.120	.126	.127	.122	.111	.094	.075	.052											
2.5	.069	.091	.109	.124	.135	.141	.142	.137	.125	.106	.083	.057											
3.0	.078	.102	.121	.136	.147	.153	.153	.147	.134	.115	.090												
3.5	.085	.110	.132	.148	.158	.162	.161	.154	.141	.121													
4.0	.090	.117	.139	.157	.167	.170	.167	.159	.146														
4.5	.095	.122	.145	.163	.173	.176	.173	.164															
5.0	.099	.127	.151	.168	.178	.182	.178																
6.0	.106	.135	.158	.175	.185	.189																	
7.0	.110	.141	.164	.181	.191																		
8.0	.113	.144	.168	.185																			
mief=	.119	.151	.172	.186	.191	.190	.181	.167	.148	.125	.096	.058	.020										
tetaf=	14.2	13.5	10.3	8.4	7.1	6.1	5.4	4.8	4.3	3.9	3.5	2.6	1.4										
w=0.4											Valores de mi												ni0= 1.33
teta=1.0	.036	.055	.070	.079	.084	.083	.078	.073	.068	.062	.056	.047	.033	.013									
1.5	.053	.072	.088	.101	.109	.113	.113	.108	.100	.090	.078	.062	.042										
2.0	.070	.089	.105	.119	.129	.135	.137	.134	.126	.111	.094	.073	.049										
2.5	.087	.106	.122	.135	.146	.153	.155	.151	.142	.126	.105	.082											
3.0	.099	.120	.137	.151	.161	.167	.167	.162	.152	.136	.115	.089											
3.5	.108	.131	.150	.165	.174	.178	.177	.171	.160	.144	.122												
4.0	.115	.139	.160	.176	.185	.187	.185	.178	.166	.150													
4.5	.121	.146	.168	.184	.193	.196	.192	.184															
5.0	.127	.153	.174	.190	.199	.202	.199																
6.0	.136	.163	.184	.199	.208	.212																	
7.0	.142	.171	.191	.206	.215																		
8.0	.146	.174	.196	.211																			
mief=	.155	.182	.201	.212	.215	.213	.204	.189	.172	.150	.124	.091	.053	.014									
tetaf=	14.7	12.9	9.6	8.2	7.0	6.2	5.5	5.0	4.5	4.1	3.7	3.2	2.3	1.1									

TABELA 14b

ACO CA-50B delta=0.10 n'= 10 ni= 8

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
 w=0.5                                                Valores de mi                                                    ni0= 1.41
  teta=1.0 .042 .060 .074 .083 .088 .088 .084 .080 .075 .070 .064 .057 .046 .031
       1.5 .063 .080 .095 .107 .115 .120 .121 .117 .110 .102 .091 .078 .061 .040
       2.0 .084 .100 .115 .128 .137 .144 .147 .146 .139 .127 .111 .093 .071 .047
       2.5 .104 .120 .134 .147 .157 .164 .167 .164 .157 .144 .126 .104 .080
       3.0 .118 .138 .153 .165 .174 .180 .181 .178 .169 .156 .137 .114
       3.5 .130 .151 .169 .182 .190 .194 .193 .188 .179 .165 .146 .122
       4.0 .139 .161 .180 .195 .204 .205 .203 .197 .186 .172
       4.5 .147 .170 .190 .205 .213 .216 .212 .205 .193
       5.0 .154 .177 .198 .212 .220 .224 .220 .211
       6.0 .165 .190 .209 .223 .231 .234
       7.0 .173 .199 .218 .231 .239
       8.0 .178 .204 .224 .238
     mief= .189 .212 .229 .238 .239 .236 .228 .213 .195 .175 .151 .123 .087 .048 .006
    tetaf= 14.4 11.4  9.4  8.0  7.0  6.2  5.6  5.1  4.7  4.3  3.9  3.6  2.9  2.1  0.6
 w=0.6                                                Valores de mi                                                    ni0= 1.49
  teta=1.0 .049 .065 .078 .087 .092 .093 .090 .086 .082 .077 .072 .066 .057 .045 .029
       1.5 .073 .088 .102 .113 .122 .127 .128 .126 .121 .113 .104 .092 .077 .059 .037
       2.0 .096 .111 .125 .137 .146 .152 .156 .156 .152 .142 .128 .111 .092 .070
       2.5 .119 .134 .147 .159 .168 .175 .178 .177 .172 .161 .146 .126 .103 .079
       3.0 .137 .155 .168 .179 .188 .194 .196 .193 .186 .174 .158 .137 .113
       3.5 .151 .171 .187 .199 .207 .210 .209 .205 .197 .184 .168 .147
       4.0 .162 .183 .201 .215 .222 .224 .221 .215 .206 .193 .175
       4.5 .171 .193 .212 .225 .233 .236 .232 .225 .214
       5.0 .179 .202 .221 .233 .242 .244 .241 .233
       6.0 .193 .216 .234 .246 .254 .257
       7.0 .204 .227 .244 .256 .263
       8.0 .209 .233 .252
     mief= .221 .242 .256 .263 .264 .260 .251 .236 .219 .199 .177 .151 .120 .081 .042
    tetaf= 13.2 10.8  9.1  7.9  7.0  6.3  5.7  5.2  4.8  4.4  4.1  3.8  3.4  2.7  1.8
 w=0.7                                                Valores de mi                                                    ni0= 1.57
  teta=1.0 .055 .070 .082 .091 .097 .098 .096 .092 .088 .084 .079 .074 .067 .058 .044 .026
       1.5 .082 .096 .109 .120 .128 .133 .135 .134 .130 .124 .115 .105 .092 .077 .058 .035
       2.0 .108 .122 .135 .146 .155 .161 .165 .166 .164 .156 .144 .128 .111 .091 .068
       2.5 .134 .147 .160 .170 .179 .186 .190 .190 .186 .177 .164 .146 .125 .102
       3.0 .156 .172 .184 .194 .202 .208 .210 .208 .202 .192 .178 .159 .137 .112
       3.5 .171 .190 .205 .216 .223 .226 .226 .222 .214 .203 .188 .170 .147
       4.0 .184 .204 .221 .234 .241 .242 .239 .234 .225 .213 .197
       4.5 .195 .216 .233 .246 .253 .256 .252 .245 .235 .222
       5.0 .205 .226 .243 .255 .263 .265 .263 .254
       6.0 .221 .242 .258 .270 .277 .280
       7.0 .233 .254 .270 .281 .288
       8.0 .240 .262 .279
     mief= .252 .271 .283 .288 .288 .284 .275 .260 .242 .223 .201 .177 .149 .115 .076 .036
    tetaf= 12.3 10.4  8.9  7.9  7.0  6.4  5.8  5.3  5.0  4.6  4.2  3.9  3.6  3.2  2.4  1.5
 w=0.8                                                Valores de mi                                                    ni0= 1.65
  teta=1.0 .061 .075 .087 .095 .101 .103 .102 .098 .094 .090 .086 .081 .076 .068 .057 .043 .023
       1.5 .091 .104 .116 .126 .134 .140 .142 .142 .139 .134 .127 .117 .106 .092 .075 .055
       2.0 .120 .133 .145 .155 .163 .170 .174 .176 .175 .169 .159 .145 .128 .110 .089 .066
       2.5 .149 .161 .172 .182 .190 .197 .202 .202 .199 .192 .181 .165 .146 .124 .101
       3.0 .173 .188 .199 .208 .216 .222 .224 .222 .217 .208 .196 .180 .160 .136
       3.5 .191 .209 .223 .233 .240 .243 .242 .238 .232 .222 .208 .192 .171 .147
       4.0 .206 .224 .241 .253 .260 .260 .258 .252 .244 .233 .219 .201
       4.5 .218 .238 .255 .266 .273 .275 .272 .265 .255 .243
       5.0 .229 .249 .266 .277 .284 .286 .284 .276 .265
       6.0 .248 .268 .282 .293 .300 .302
       7.0 .263 .281 .295 .305 .312
       8.0 .269 .290 .305
     mief= .282 .299 .310 .313 .312 .307 .299 .285 .266 .247 .226 .203 .177 .148 .110 .070 .029
    tetaf= 11.6 10.0  8.7  7.8  7.0  6.4  5.9  5.4  5.1  4.7  4.4  4.1  3.8  3.5  2.9  2.2  1.3
```

TABELA 14c

ACO CA-50B delta=0.10 n'= 10 ni= 8

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=0.9 Valores de mi ni0= 1.74

teta=1.0 .067 .080 .091 .100 .105 .108 .107 .104 .100 .096 .092 .088 .084 .078 .069 .057 .040 .021
1.5 .099 .112 .123 .133 .141 .146 .149 .150 .148 .143 .137 .129 .119 .107 .092 .074 .053
2.0 .131 .143 .154 .164 .172 .179 .183 .185 .185 .181 .173 .160 .145 .128 .109 .088 .064
2.5 .163 .174 .185 .194 .202 .208 .213 .215 .212 .206 .197 .183 .166 .145 .123 .100
3.0 .191 .204 .214 .223 .230 .236 .238 .237 .232 .225 .214 .199 .182 .160 .136
3.5 .211 .227 .241 .251 .257 .259 .259 .255 .249 .240 .228 .212 .194 .172
4.0 .227 .245 .260 .272 .278 .279 .276 .271 .263 .253 .239 .223
4.5 .241 .260 .276 .287 .293 .295 .292 .285 .276 .264 .250
5.0 .254 .273 .288 .298 .305 .307 .305 .297 .287
6.0 .274 .293 .306 .316 .322 .325
7.0 .290 .307 .321 .330 .336
8.0 .298 .318 .332
mief= .312 .327 .336 .338 .336 .331 .322 .309 .291 .271 .250 .228 .203 .176 .143 .105 .064 .022
tetaf= 11.1 9.7 8.6 7.7 7.0 6.4 5.9 5.5 5.2 4.8 4.5 4.2 3.9 3.7 3.3 2.7 2.0 1.1

w=1.0 Valores de mi ni0= 1.82

teta=1.0 .073 .085 .095 .104 .110 .113 .113 .110 .106 .103 .099 .095 .091 .086 .079 .069 .055 .038
1.5 .108 .120 .130 .140 .147 .153 .156 .157 .156 .152 .147 .140 .131 .120 .107 .091 .073 .051
2.0 .143 .154 .164 .173 .181 .187 .192 .195 .196 .193 .186 .175 .161 .146 .128 .108 .086
2.5 .177 .187 .197 .206 .213 .220 .224 .227 .225 .220 .212 .200 .185 .166 .145 .123 .099
3.0 .208 .220 .229 .237 .244 .250 .252 .251 .248 .241 .231 .218 .202 .182 .160 .135
3.5 .230 .246 .259 .268 .273 .275 .275 .272 .266 .258 .246 .232 .215 .195 .172
4.0 .249 .265 .280 .291 .297 .297 .294 .289 .282 .272 .260 .245 .227
4.5 .264 .282 .297 .307 .314 .316 .312 .305 .296 .285 .271
5.0 .278 .296 .310 .320 .326 .328 .327 .319 .309
6.0 .300 .317 .330 .340 .345 .348
7.0 .317 .333 .346 .354 .360
8.0 .327 .345 .358
mief= .341 .354 .363 .363 .361 .355 .346 .334 .315 .295 .275 .253 .229 .203 .174 .138 .099 .058 .013
tetaf= 10.7 9.4 8.4 7.7 7.0 6.5 6.0 5.6 5.3 4.9 4.6 4.4 4.1 3.8 3.6 3.1 2.5 1.8 0.7

w=1.1 Valores de mi ni0= 1.90

teta=1.0 .078 .090 .100 .108 .114 .117 .118 .115 .112 .109 .105 .101 .098 .094 .088 .079 .068 .054 .036
1.5 .116 .127 .138 .146 .154 .159 .163 .165 .164 .161 .156 .151 .143 .133 .121 .107 .090 .071 .049
2.0 .154 .164 .174 .183 .190 .196 .201 .204 .205 .204 .198 .190 .177 .162 .146 .127 .107 .085
2.5 .190 .200 .209 .218 .225 .231 .236 .239 .238 .234 .227 .216 .203 .185 .166 .144 .122
3.0 .225 .236 .244 .252 .258 .264 .266 .266 .263 .256 .248 .236 .221 .203 .183 .159
3.5 .249 .264 .276 .285 .290 .292 .292 .288 .283 .275 .265 .252 .236 .218 .197
4.0 .269 .286 .300 .310 .316 .316 .313 .308 .301 .291 .280 .266 .249
4.5 .287 .304 .318 .328 .334 .336 .332 .325 .316 .306 .293
5.0 .301 .319 .332 .342 .348 .349 .348 .341 .331 .319
6.0 .326 .342 .354 .363 .368 .371 .369
7.0 .344 .359 .371 .379 .385
8.0 .355 .373 .384
mief= .369 .381 .388 .388 .385 .379 .370 .358 .340 .320 .299 .277 .254 .229 .202 .172 .133 .093 .052
tetaf= 10.4 9.2 8.3 7.6 7.0 6.5 6.0 5.6 5.3 5.0 4.8 4.5 4.2 4.0 3.7 3.5 2.9 2.3 1.6

w=1.2 Valores de mi ni0= 1.98

teta=1.0 .084 .095 .104 .112 .118 .122 .123 .121 .118 .115 .111 .108 .104 .100 .096 .089 .080 .068 .052 .033
1.5 .125 .135 .145 .153 .160 .166 .170 .172 .172 .170 .166 .160 .154 .145 .134 .121 .106 .089 .069
2.0 .165 .175 .184 .192 .199 .205 .210 .213 .215 .215 .210 .203 .192 .178 .163 .146 .127 .106 .083
2.5 .204 .213 .222 .230 .237 .243 .247 .250 .250 .247 .241 .232 .219 .204 .186 .166 .144 .121
3.0 .241 .251 .259 .266 .273 .278 .281 .280 .278 .272 .264 .253 .240 .224 .205 .183 .159
3.5 .268 .282 .294 .302 .307 .309 .308 .305 .300 .293 .283 .271 .256 .239 .220 .197
4.0 .290 .306 .319 .329 .335 .335 .331 .327 .320 .310 .299 .286 .271 .253
4.5 .309 .325 .339 .348 .354 .356 .352 .346 .337 .327 .314 .300
5.0 .325 .342 .354 .363 .369 .371 .369 .363 .353 .341
6.0 .352 .366 .378 .386 .391 .393 .392
7.0 .371 .385 .396 .404 .409
8.0 .383 .400 .410
mief= .397 .408 .413 .412 .409 .403 .394 .382 .365 .344 .324 .302 .279 .255 .229 .201 .167 .128 .087 .045
tetaf= 10.1 9.0 8.2 7.6 7.0 6.5 6.1 5.7 5.4 5.1 4.9 4.6 4.3 4.1 3.9 3.6 3.3 2.8 2.1 1.4

TABELA 14d

ACO CA-50B delta=0.10 n'= 10 ni= 8

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=1.4                                                Valores de mi                                                   ni0= 2.14
 teta=1.0 .095 .105 .113 .121 .127 .131 .132 .132 .129 .126 .123 .120 .117 .113 .110 .106 .100 .091 .079 .065 .048
      1.5 .141 .150 .159 .167 .174 .179 .183 .186 .187 .186 .183 .179 .174 .167 .158 .148 .136 .121 .105 .086 .065
      2.0 .186 .195 .203 .211 .218 .223 .228 .231 .234 .234 .233 .228 .220 .209 .195 .180 .163 .145 .125 .103
      2.5 .231 .239 .247 .254 .260 .266 .270 .274 .275 .273 .268 .261 .251 .239 .224 .206 .186 .165 .143
      3.0 .274 .282 .289 .295 .301 .306 .309 .309 .307 .303 .296 .287 .275 .262 .245 .227 .205 .182
      3.5 .305 .318 .329 .336 .341 .342 .341 .339 .334 .327 .319 .308 .295 .280 .263 .244 .222
      4.0 .331 .346 .358 .368 .372 .372 .369 .364 .357 .349 .338 .326 .312 .297 .279
      4.5 .353 .368 .381 .389 .394 .396 .393 .386 .378 .368 .356 .343 .328
      5.0 .372 .387 .398 .406 .411 .413 .412 .406 .397 .385 .372
      6.0 .402 .415 .425 .433 .437 .439 .438
      7.0 .423 .436 .445 .452 .457
      8.0 .439 .453 .462
    mief= .452 .461 .464 .462 .458 .451 .442 .430 .414 .394 .373 .351 .329 .306 .281 .255 .227 .196 .156 .116 .074
   tetaf=  9.6  8.8  8.1  7.5  7.0  6.6  6.2  5.8  5.5  5.3  5.0  4.8  4.5  4.3  4.1  3.9  3.7  3.4  2.9  2.4  1.8
w=1.6                                                Valores de mi                                                   ni0= 2.31
 teta=1.0 .105 .114 .123 .130 .135 .139 .142 .142 .140 .138 .135 .132 .129 .126 .123 .120 .116 .110 .101 .091 .078 .043
      1.5 .157 .165 .173 .181 .187 .192 .196 .199 .201 .201 .200 .197 .192 .188 .181 .172 .162 .150 .136 .120 .102
      2.0 .207 .215 .223 .230 .236 .242 .246 .250 .252 .254 .254 .251 .245 .237 .225 .212 .197 .181 .163 .144 .123
      2.5 .257 .264 .271 .278 .284 .289 .293 .297 .299 .298 .295 .289 .281 .271 .258 .243 .225 .206 .186 .164 .141
      3.0 .305 .312 .319 .324 .330 .335 .338 .338 .337 .333 .327 .319 .309 .297 .283 .267 .249 .228 .206 .182
      3.5 .342 .354 .364 .370 .374 .376 .375 .372 .368 .362 .354 .344 .333 .319 .304 .287 .268 .247 .223
      4.0 .371 .385 .397 .406 .410 .410 .406 .401 .395 .387 .377 .366 .353 .339 .322 .304
      4.5 .397 .411 .422 .430 .435 .436 .434 .427 .419 .409 .398 .386 .371 .356
      5.0 .418 .432 .442 .449 .454 .455 .454 .450 .441 .430 .417
      6.0 .451 .462 .472 .479 .483 .485 .484
      7.0 .475 .486 .495 .501 .506
      8.0 .494 .505
    mief= .506 .513 .513 .511 .506 .499 .490 .478 .464 .444 .423 .401 .379 .356 .332 .307 .281 .254 .224 .185 .145 .061
   tetaf=  9.3  8.5  8.0  7.5  7.0  6.6  6.2  5.9  5.6  5.4  5.2  4.9  4.7  4.5  4.3  4.1  3.9  3.7  3.5  3.1  2.6  1.5
w=1.8                                                Valores de mi                                                   ni0= 2.47
 teta=1.0 .116 .124 .132 .139 .144 .148 .151 .152 .151 .149 .146 .144 .141 .138 .135 .132 .129 .126 .120 .112 .102 .075 .038
      1.5 .172 .180 .188 .194 .201 .206 .210 .213 .215 .216 .215 .213 .210 .206 .201 .194 .186 .176 .164 .151 .135 .099
      2.0 .228 .235 .242 .249 .255 .260 .264 .268 .271 .273 .273 .273 .269 .263 .254 .242 .229 .214 .198 .181 .162 .121
      2.5 .283 .289 .296 .302 .307 .312 .316 .320 .323 .323 .321 .317 .310 .302 .291 .278 .263 .245 .226 .206 .185
      3.0 .336 .342 .348 .354 .359 .363 .367 .367 .366 .363 .358 .351 .342 .332 .319 .305 .289 .271 .251 .229 .206
      3.5 .378 .389 .398 .404 .408 .409 .408 .406 .402 .396 .389 .380 .369 .357 .344 .328 .311 .292 .271 .249
      4.0 .412 .425 .436 .444 .448 .447 .444 .439 .432 .425 .416 .405 .393 .380 .365 .348 .330
      4.5 .440 .454 .464 .471 .475 .476 .474 .468 .460 .450 .440 .428 .414 .400
      5.0 .464 .476 .485 .492 .496 .497 .497 .493 .485 .474 .462 .448
      6.0 .499 .510 .519 .525 .529 .530 .530
      7.0 .526 .537 .544 .550 .554
      8.0 .548 .558
    mief= .559 .565 .563 .560 .555 .547 .538 .526 .512 .494 .473 .451 .429 .406 .383 .359 .334 .307 .280 .251 .214 .133 .045
   tetaf=  9.0  8.4  7.9  7.4  7.0  6.6  6.3  6.0  5.7  5.5  5.3  5.1  4.9  4.7  4.5  4.3  4.1  3.9  3.7  3.6  3.2  2.3  1.2
w=2.0                                                Valores de mi                                                   ni0= 2.64
 teta=1.0 .126 .134 .141 .148 .153 .157 .160 .161 .161 .160 .157 .155 .152 .150 .147 .144 .142 .139 .136 .130 .123 .101 .071
      1.5 .188 .195 .202 .208 .214 .219 .223 .227 .229 .230 .230 .229 .227 .224 .220 .215 .208 .200 .190 .178 .165 .134 .096
      2.0 .249 .255 .262 .268 .273 .278 .283 .286 .289 .291 .292 .293 .291 .287 .280 .270 .259 .246 .231 .216 .199 .161 .118
      2.5 .308 .314 .320 .326 .331 .336 .340 .343 .346 .348 .346 .343 .338 .331 .321 .310 .297 .282 .265 .246 .227 .184
      3.0 .367 .372 .378 .383 .387 .391 .395 .396 .395 .393 .388 .382 .375 .365 .354 .342 .327 .311 .293 .273 .251
      3.5 .414 .425 .433 .438 .442 .443 .442 .440 .436 .430 .423 .415 .405 .394 .382 .368 .352 .335 .316 .296 .273
      4.0 .451 .464 .475 .482 .486 .485 .482 .476 .470 .463 .454 .444 .433 .420 .406 .391 .374 .356
      4.5 .483 .496 .505 .511 .515 .517 .515 .509 .501 .492 .481 .470 .457 .443 .428
      5.0 .509 .520 .528 .535 .539 .540 .539 .536 .529 .518 .506 .493
      6.0 .547 .557 .565 .571 .574 .576 .576 .572
      7.0 .577 .586 .593 .599 .603
      8.0 .600 .610
    mief= .611 .615 .613 .609 .603 .595 .586 .574 .561 .544 .523 .501 .479 .456 .433 .410 .385 .360 .334 .306 .277 .203 .120
   tetaf=  8.8  8.2  7.8  7.4  7.0  6.7  6.4  6.1  5.8  5.6  5.4  5.2  5.0  4.8  4.6  4.5  4.3  4.1  3.9  3.8  3.6  2.9  2.1
```

TABELA 15a

ACO CA-50B delta=0.15 n'= 10 ni= 8

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

Valores de mi — ni0= 1.08

w=0.1

teta=1.0	.011	.038	.056	.066	.068	.063	.057	.051	.044	.035	.021	
1.5	.016	.045	.066	.081	.089	.089	.084	.074	.062	.047	.026	
2.0	.021	.050	.073	.091	.101	.106	.103	.092	.075	.055	.029	
2.5	.025	.055	.080	.098	.110	.116	.114	.104	.085	.060		
3.0	.028	.060	.085	.104	.117	.123	.121	.110	.091	.064		
3.5	.031	.063	.090	.109	.123	.128	.125	.114	.095			
4.0	.033	.066	.093	.114	.127	.131	.128	.117				
4.5	.034	.068	.096	.117	.130	.134	.131					
5.0	.036	.070	.098	.120	.132	.136	.133					
6.0	.038	.073	.102	.123	.136							
7.0	.039	.075	.104	.125	.138							
8.0	.040	.077	.106	.127								
mief=	.043	.080	.109	.128	.138	.140	.133	.119	.097	.066	.030	
tetaf=	13.8	15.4	12.0	8.9	7.1	5.9	5.0	4.3	3.8	3.3	2.2	

Valores de mi — ni0= 1.16

w=0.2

teta=1.0	.018	.042	.059	.069	.072	.068	.063	.057	.051	.044	.034	.018
1.5	.027	.052	.071	.085	.093	.095	.092	.083	.073	.061	.044	.022
2.0	.036	.061	.081	.097	.107	.113	.112	.105	.091	.073	.052	
2.5	.045	.069	.090	.106	.118	.125	.125	.118	.103	.082	.057	
3.0	.051	.077	.098	.115	.127	.133	.133	.125	.111	.088		
3.5	.055	.083	.106	.123	.134	.140	.139	.131	.116	.093		
4.0	.059	.088	.112	.130	.141	.145	.143	.134	.119			
4.5	.062	.092	.116	.134	.146	.149	.146	.138				
5.0	.065	.095	.119	.138	.150	.153	.149					
6.0	.070	.100	.125	.144	.155	.159						
7.0	.073	.104	.129	.147	.158							
8.0	.075	.107	.132	.150								
mief=	.079	.112	.136	.152	.158	.159	.151	.138	.120	.095	.061	.025
tetaf=	14.8	14.5	10.8	8.5	7.1	6.0	5.2	4.6	4.1	3.7	3.0	1.8

Valores de mi — ni0= 1.25

w=0.3

teta=1.0	.025	.046	.062	.072	.075	.073	.068	.063	.057	.051	.043	.032	.015
1.5	.037	.059	.076	.089	.098	.101	.099	.093	.084	.073	.059	.042	
2.0	.049	.071	.089	.103	.113	.119	.120	.116	.105	.089	.071	.048	
2.5	.061	.082	.100	.115	.126	.133	.135	.130	.119	.101	.079	.054	
3.0	.070	.093	.111	.126	.137	.144	.145	.139	.128	.110	.086		
3.5	.077	.102	.121	.136	.147	.152	.152	.146	.134	.115	.091		
4.0	.083	.108	.129	.145	.155	.159	.157	.151	.138				
4.5	.087	.113	.135	.152	.162	.164	.162	.155					
5.0	.091	.118	.140	.157	.167	.169	.166						
6.0	.098	.125	.147	.164	.174	.177							
7.0	.103	.131	.153	.169	.179								
8.0	.106	.134	.157	.173									
mief=	.113	.141	.162	.174	.179	.178	.169	.157	.141	.119	.091	.055	.019
tetaf=	15.6	12.8	10.1	8.3	7.1	6.1	5.4	4.8	4.3	3.9	3.5	2.7	1.5

Valores de mi — ni0= 1.33

w=0.4

teta=1.0	.031	.050	.065	.075	.079	.078	.073	.069	.064	.058	.052	.043	.030	.011
1.5	.046	.065	.081	.094	.102	.106	.106	.101	.093	.084	.073	.058	.039	
2.0	.061	.080	.096	.110	.120	.126	.128	.126	.118	.104	.088	.068	.045	
2.5	.076	.094	.110	.124	.134	.141	.144	.142	.133	.119	.099	.076		
3.0	.088	.108	.124	.137	.147	.154	.156	.152	.143	.128	.108	.083		
3.5	.097	.119	.136	.149	.159	.164	.164	.160	.150	.135	.115			
4.0	.104	.127	.146	.160	.169	.173	.172	.166	.156	.140				
4.5	.110	.134	.153	.169	.178	.180	.178	.171	.160					
5.0	.116	.139	.159	.175	.184	.186	.183	.176						
6.0	.124	.149	.169	.184	.193	.196								
7.0	.132	.156	.176	.190	.199									
8.0	.135	.161	.181	.195										
mief=	.144	.169	.186	.196	.199	.197	.189	.176	.161	.141	.117	.086	.050	.012
tetaf=	14.7	11.7	9.6	8.1	7.0	6.2	5.6	5.0	4.5	4.1	3.7	3.3	2.4	1.1

TABELA 15b

ACO CA-50B delta=0.15 n'= 10 ni= 8

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=0.5                                                Valores de mi
teta=1.0 .037 .054 .068 .077 .082 .082 .078 .074 .069 .064 .059 .052 .042 .028                                    ni0= 1.41
     1.5 .055 .072 .087 .098 .107 .111 .112 .109 .102 .094 .084 .072 .056 .036
     2.0 .072 .089 .104 .116 .126 .132 .135 .135 .129 .118 .103 .086 .066 .043
     2.5 .089 .106 .120 .133 .142 .149 .153 .152 .146 .135 .118 .097 .074
     3.0 .105 .122 .136 .148 .157 .164 .167 .164 .157 .145 .128 .106 .081
     3.5 .116 .135 .151 .162 .171 .176 .177 .174 .165 .153 .136 .113
     4.0 .125 .145 .162 .176 .183 .187 .186 .181 .172 .159
     4.5 .132 .153 .171 .186 .194 .195 .193 .187 .178
     5.0 .138 .160 .179 .193 .201 .203 .200 .193
     6.0 .149 .172 .190 .204 .212 .214
     7.0 .158 .180 .199 .211 .219
     8.0 .163 .187 .205
   mief= .174 .195 .210 .217 .219 .217 .208 .195 .180 .162 .141 .115 .081 .044 .005
  tetaf= 13.3 10.9  9.2  8.0  7.0  6.3  5.7  5.2  4.7  4.3  3.9  3.6  3.0  2.1  0.6
w=0.6                                                Valores de mi
teta=1.0 .042 .058 .071 .080 .086 .086 .083 .079 .075 .070 .065 .060 .052 .041 .025                                ni0= 1.49
     1.5 .062 .078 .092 .103 .111 .116 .118 .116 .110 .103 .095 .084 .070 .054 .033
     2.0 .082 .098 .111 .123 .132 .139 .142 .143 .140 .131 .118 .102 .084 .063
     2.5 .102 .117 .130 .141 .151 .158 .162 .162 .158 .149 .135 .116 .095 .071
     3.0 .120 .135 .148 .159 .168 .174 .178 .176 .171 .161 .146 .127 .104
     3.5 .133 .151 .165 .175 .184 .189 .190 .187 .180 .169 .155 .135
     4.0 .144 .163 .179 .191 .198 .201 .200 .196 .188 .177 .161
     4.5 .153 .173 .189 .202 .210 .211 .209 .204 .195 .183
     5.0 .160 .181 .198 .211 .218 .220 .217 .211
     6.0 .173 .194 .211 .223 .230 .233
     7.0 .183 .204 .221 .232 .239
     8.0 .190 .213 .228
   mief= .202 .221 .234 .239 .240 .236 .228 .215 .200 .183 .163 .139 .111 .075 .038
  tetaf= 12.3 10.4  8.9  7.9  7.0  6.3  5.8  5.3  4.9  4.5  4.1  3.8  3.5  2.8  1.9
w=0.7                                                Valores de mi
teta=1.0 .047 .062 .074 .083 .089 .090 .088 .084 .080 .076 .071 .066 .060 .052 .039 .022                          ni0= 1.57
     1.5 .070 .084 .097 .108 .116 .121 .123 .122 .118 .112 .105 .095 .084 .069 .051 .030
     2.0 .092 .106 .119 .130 .139 .145 .149 .150 .149 .143 .132 .117 .101 .082 .061
     2.5 .114 .128 .140 .150 .159 .166 .170 .172 .169 .162 .150 .134 .114 .092 .069
     3.0 .135 .148 .160 .170 .178 .185 .188 .188 .183 .175 .163 .146 .125 .102
     3.5 .150 .167 .179 .188 .196 .201 .203 .200 .194 .185 .172 .155 .135
     4.0 .163 .180 .195 .206 .212 .215 .214 .211 .204 .194 .180
     4.5 .173 .191 .207 .219 .226 .227 .225 .220 .212 .201
     5.0 .182 .200 .217 .229 .236 .238 .234 .228 .219
     6.0 .196 .216 .232 .243 .249 .252
     7.0 .208 .227 .242 .253 .259
     8.0 .216 .237 .251
   mief= .229 .245 .256 .260 .260 .256 .248 .234 .220 .203 .184 .163 .137 .106 .070 .032
  tetaf= 11.6  9.9  8.7  7.8  7.0  6.4  5.9  5.4  5.0  4.7  4.3  4.0  3.7  3.3  2.5  1.6
w=0.8                                                Valores de mi
teta=1.0 .052 .066 .077 .086 .092 .094 .093 .089 .085 .081 .077 .072 .067 .061 .051 .037 .020                     ni0= 1.65
     1.5 .077 .091 .103 .113 .121 .126 .129 .129 .126 .120 .113 .106 .095 .083 .067 .049
     2.0 .102 .115 .126 .137 .145 .152 .156 .158 .157 .153 .144 .131 .116 .099 .080 .058
     2.5 .126 .138 .149 .159 .168 .174 .179 .181 .180 .174 .164 .150 .133 .112 .090
     3.0 .149 .161 .172 .181 .189 .195 .199 .199 .196 .189 .178 .164 .146 .124 .100
     3.5 .167 .182 .193 .202 .209 .214 .215 .213 .208 .200 .189 .174 .156 .133
     4.0 .181 .197 .211 .221 .227 .229 .229 .225 .219 .210 .198 .182
     4.5 .192 .209 .224 .236 .242 .243 .241 .236 .228 .218
     5.0 .202 .220 .235 .247 .253 .255 .251 .245 .237
     6.0 .219 .237 .252 .262 .268 .271
     7.0 .232 .250 .264 .274 .280
     8.0 .242 .260 .273
   mief= .255 .269 .278 .280 .280 .276 .268 .254 .239 .223 .205 .185 .161 .135 .101 .064 .026
  tetaf= 11.0  9.6  8.6  7.7  7.0  6.4  5.9  5.5  5.2  4.8  4.5  4.2  3.9  3.6  3.0  2.3  1.4
```

TABELA 15c

ACO CA-50B delta=0.15 n'= 10 ni= 8

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

ni0= 1.74

Valores de mi

0.9

eta=1.0 .057 .070 .081 .089 .095 .098 .097 .094 .090 .086 .082 .078 .074 .068 .061 .050 .035 .017

1.5 .084 .097 .108 .118 .125 .131 .134 .135 .133 .128 .122 .115 .106 .095 .082 .065 .046

2.0 .111 .123 .134 .144 .152 .158 .163 .165 .165 .163 .156 .145 .131 .115 .098 .078 .056

2.5 .137 .149 .159 .168 .176 .183 .187 .190 .190 .186 .177 .166 .150 .131 .111 .088

3.0 .163 .173 .183 .192 .199 .205 .210 .210 .208 .202 .193 .180 .164 .145 .122

3.5 .183 .197 .207 .215 .221 .226 .228 .226 .222 .215 .205 .191 .175 .155

4.0 .198 .214 .227 .236 .242 .244 .243 .240 .234 .226 .215 .201 .184

4.5 .211 .227 .242 .253 .259 .259 .257 .252 .245 .235 .223

5.0 .222 .239 .254 .264 .270 .272 .269 .263 .254

6.0 .241 .258 .272 .282 .287 .290

7.0 .256 .273 .285 .294 .300

8.0 .268 .283 .296

mief= .280 .293 .300 .301 .300 .296 .288 .275 .259 .243 .225 .206 .184 .160 .131 .095 .058 .019

tetaf= 10.5 9.3 8.4 7.7 7.0 6.5 6.0 5.6 5.3 4.9 4.6 4.3 4.0 3.7 3.5 2.8 2.1 1.1

ni0= 1.82

Valores de mi

w=1.0

teta=1.0 .061 .073 .084 .092 .098 .101 .101 .098 .095 .091 .087 .084 .079 .075 .069 .060 .048 .033

1.5 .091 .103 .113 .123 .130 .136 .139 .140 .139 .135 .130 .124 .116 .107 .095 .080 .064 .044

2.0 .120 .131 .141 .151 .158 .165 .169 .172 .173 .171 .166 .157 .145 .130 .114 .096 .076

2.5 .148 .159 .169 .177 .185 .191 .196 .199 .200 .197 .190 .180 .166 .149 .130 .109 .087

3.0 .176 .186 .195 .203 .210 .216 .220 .222 .220 .215 .207 .196 .181 .164 .143 .120

3.5 .198 .211 .220 .228 .234 .239 .241 .240 .236 .229 .220 .208 .193 .176 .155

4.0 .216 .230 .242 .251 .256 .258 .258 .255 .249 .242 .231 .219 .203

4.5 .230 .245 .259 .269 .275 .275 .273 .268 .261 .252 .241

5.0 .242 .258 .272 .282 .288 .290 .286 .280 .272 .262

6.0 .263 .279 .292 .301 .306 .309 .307

7.0 .279 .295 .306 .315 .320

8.0 .292 .307 .318

mief= .304 .316 .321 .322 .320 .316 .308 .295 .279 .263 .246 .227 .206 .183 .158 .126 .089 .052 .011

tetaf= 10.2 9.1 8.3 7.6 7.0 6.5 6.1 5.7 5.4 5.0 4.7 4.4 4.2 3.9 3.6 3.3 2.6 1.9 0.7

ni0= 1.90

Valores de mi

w=1.1

teta=1.0 .066 .077 .087 .095 .101 .105 .105 .103 .100 .096 .093 .089 .085 .081 .076 .069 .059 .047 .030

1.5 .097 .109 .119 .128 .135 .140 .144 .146 .145 .142 .137 .132 .126 .117 .107 .094 .079 .061 .041

2.0 .129 .139 .149 .158 .165 .171 .176 .179 .180 .179 .176 .169 .158 .145 .130 .113 .094 .074

2.5 .159 .169 .178 .186 .194 .200 .204 .208 .209 .207 .202 .193 .181 .166 .148 .128 .107

3.0 .189 .198 .206 .214 .221 .226 .231 .233 .231 .227 .220 .210 .198 .182 .163 .142 .119

3.5 .214 .226 .234 .241 .247 .252 .253 .253 .249 .243 .235 .224 .211 .195 .176 .154

4.0 .233 .246 .258 .266 .271 .273 .272 .269 .264 .257 .248 .236 .222 .205

4.5 .248 .263 .276 .286 .291 .291 .289 .284 .278 .269 .259 .246

5.0 .262 .277 .291 .300 .305 .307 .303 .297 .290 .280

6.0 .284 .300 .312 .320 .325 .327 .326

7.0 .302 .317 .327 .336 .340

8.0 .316 .329 .340

mief= .329 .339 .342 .343 .341 .336 .328 .315 .300 .283 .266 .247 .228 .206 .182 .155 .120 .084 .046

tetaf= 9.9 8.9 8.2 7.6 7.0 6.5 6.1 5.7 5.4 5.1 4.9 4.6 4.3 4.0 3.8 3.6 3.1 2.4 1.7

ni0= 1.98

Valores de mi

w=1.2

teta=1.0 .070 .081 .091 .099 .104 .108 .109 .107 .104 .101 .098 .094 .090 .087 .083 .077 .069 .058 .045 .028

1.5 .104 .114 .124 .133 .140 .145 .149 .151 .151 .149 .145 .140 .134 .127 .118 .107 .093 .077 .059 .039

2.0 .137 .147 .156 .165 .172 .178 .183 .186 .187 .187 .185 .180 .171 .158 .144 .129 .111 .092 .072

2.5 .170 .179 .188 .196 .202 .208 .213 .216 .218 .217 .213 .206 .195 .182 .165 .147 .127 .106

3.0 .201 .210 .218 .225 .232 .237 .241 .244 .243 .239 .233 .225 .213 .199 .182 .162 .140

3.5 .229 .240 .247 .254 .260 .264 .266 .266 .263 .257 .250 .240 .227 .213 .195 .175

4.0 .249 .262 .273 .281 .286 .287 .287 .284 .279 .272 .264 .253 .239 .224

4.5 .266 .281 .293 .303 .308 .307 .305 .300 .294 .286 .276 .264

5.0 .281 .296 .309 .318 .323 .324 .321 .315 .307 .298

6.0 .306 .321 .332 .340 .344 .346 .345

7.0 .325 .338 .348 .356 .361

8.0 .339 .352 .362

mief= .353 .362 .364 .363 .361 .356 .348 .336 .320 .304 .286 .268 .249 .228 .205 .180 .151 .115 .078 .039

tetaf= 9.6 8.8 8.1 7.5 7.0 6.6 6.2 5.8 5.5 5.2 5.0 4.7 4.4 4.2 3.9 3.7 3.4 2.9 2.3 1.5

TABELA 15d

ACO CA-50B delta=0.15 n'= 10 ni= 8

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
 w=1.4                                                  Valores de mi                                                   ni0= 2.14
  teta=1.0 .079 .089 .097 .105 .111 .115 .116 .116 .113 .110 .107 .104 .101 .097 .094 .090 .086 .078 .068 .056 .040
       1.5 .117 .126 .135 .143 .150 .155 .159 .162 .163 .162 .159 .155 .150 .145 .138 .129 .118 .105 .091 .074 .055
       2.0 .154 .163 .171 .179 .186 .191 .196 .200 .202 .203 .202 .199 .193 .184 .172 .158 .143 .127 .109 .089
       2.5 .191 .199 .207 .214 .220 .226 .230 .234 .236 .237 .234 .229 .221 .211 .198 .182 .164 .144 .124 .102
       3.0 .226 .234 .241 .247 .253 .258 .262 .266 .266 .263 .259 .252 .242 .231 .217 .200 .181 .160 .138
       3.5 .258 .268 .274 .280 .285 .290 .292 .292 .289 .285 .278 .270 .259 .247 .232 .215 .196 .174
       4.0 .283 .294 .304 .311 .316 .317 .316 .313 .309 .303 .295 .285 .274 .260 .245
       4.5 .302 .315 .327 .336 .340 .340 .337 .333 .327 .319 .310 .299 .287
       5.0 .320 .333 .345 .353 .357 .359 .356 .350 .343 .334 .324
       6.0 .348 .361 .371 .378 .382 .384 .383
       7.0 .369 .381 .390 .397 .401
       8.0 .385 .397
     mief= .399 .405 .406 .404 .401 .396 .388 .377 .361 .344 .327 .309 .290 .271 .249 .227 .202 .175 .140 .103 .066
    tetaf=  9.2  8.6  8.0  7.5  7.0  6.6  6.2  5.9  5.6  5.4  5.1  4.9  4.6  4.4  4.2  4.0  3.7  3.5  3.1  2.5  1.9
 w=1.6                                                  Valores de mi                                                   ni0= 2.31
  teta=1.0 .087 .096 .104 .111 .117 .121 .123 .124 .122 .119 .117 .114 .111 .108 .105 .101 .098 .094 .087 .078 .066 .035
       1.5 .129 .138 .146 .153 .160 .165 .169 .172 .174 .174 .172 .169 .165 .160 .155 .149 .140 .130 .118 .103 .088 .050
       2.0 .171 .179 .186 .193 .200 .205 .210 .213 .216 .217 .217 .216 .213 .206 .197 .185 .172 .158 .142 .124 .105
       2.5 .211 .219 .226 .232 .238 .243 .248 .251 .254 .256 .255 .251 .245 .237 .226 .213 .198 .180 .162 .142 .121
       3.0 .250 .257 .264 .270 .275 .280 .284 .287 .288 .287 .283 .277 .270 .260 .248 .234 .218 .200 .180 .158
       3.5 .287 .295 .301 .306 .311 .315 .318 .318 .316 .312 .306 .299 .290 .279 .266 .251 .235 .216 .195
       4.0 .315 .326 .335 .341 .345 .346 .345 .343 .339 .333 .326 .317 .307 .295 .281 .266
       4.5 .338 .350 .361 .369 .373 .372 .370 .365 .359 .352 .344 .334 .322 .309
       5.0 .357 .370 .381 .388 .392 .394 .391 .385 .378 .369 .360 .349
       6.0 .389 .401 .410 .417 .421 .422 .421
       7.0 .413 .423 .432 .438 .441
       8.0 .431 .441
     mief= .445 .447 .447 .445 .442 .436 .428 .417 .402 .385 .368 .350 .332 .312 .292 .271 .248 .224 .198 .166 .129 .053
    tetaf=  9.0  8.4  7.9  7.4  7.0  6.6  6.3  6.0  5.7  5.5  5.3  5.1  4.8  4.6  4.4  4.2  4.0  3.8  3.6  3.3  2.8  1.6
 w=1.8                                                  Valores de mi                                                   ni0= 2.47
  teta=1.0 .095 .104 .111 .118 .124 .128 .130 .131 .131 .128 .126 .123 .120 .117 .115 .112 .109 .106 .102 .095 .087 .063 .031
       1.5 .142 .149 .157 .164 .170 .175 .179 .182 .184 .185 .184 .183 .179 .175 .171 .166 .159 .151 .141 .129 .116 .084
       2.0 .187 .194 .201 .208 .214 .219 .223 .227 .230 .231 .232 .232 .231 .227 .220 .210 .199 .186 .172 .156 .139 .102
       2.5 .231 .238 .244 .250 .256 .261 .265 .269 .271 .273 .274 .272 .268 .261 .253 .242 .229 .214 .197 .179 .160
       3.0 .274 .281 .287 .292 .297 .301 .305 .308 .310 .310 .307 .302 .296 .288 .278 .266 .252 .236 .218 .199 .178
       3.5 .316 .322 .327 .332 .337 .340 .343 .344 .342 .339 .334 .327 .319 .309 .298 .285 .271 .254 .236 .216
       4.0 .347 .357 .366 .371 .375 .376 .375 .373 .369 .363 .357 .349 .339 .328 .316 .302 .287 .270
       4.5 .373 .384 .394 .402 .406 .405 .402 .398 .392 .385 .377 .368 .357 .345 .332
       5.0 .394 .407 .417 .423 .427 .428 .426 .420 .413 .405 .396 .385
       6.0 .430 .441 .449 .455 .459 .460 .459 .456
       7.0 .456 .465 .473 .479 .482
       8.0 .476 .485
     mief= .489 .490 .489 .486 .482 .476 .468 .458 .444 .427 .409 .392 .373 .354 .335 .314 .293 .270 .246 .221 .191 .117 .039
    tetaf=  8.7  8.3  7.8  7.4  7.0  6.7  6.4  6.1  5.8  5.6  5.4  5.2  5.0  4.8  4.6  4.4  4.2  4.0  3.8  3.6  3.4  2.5  1.3
 w=2.0                                                  Valores de mi                                                   ni0= 2.64
  teta=1.0 .103 .111 .118 .125 .130 .134 .137 .139 .139 .137 .135 .132 .130 .127 .124 .122 .119 .116 .113 .110 .104 .086 .059
       1.5 .154 .161 .168 .174 .180 .185 .189 .192 .195 .196 .196 .195 .193 .189 .185 .181 .177 .170 .162 .152 .141 .114 .080
       2.0 .203 .210 .216 .222 .228 .233 .237 .241 .244 .246 .247 .247 .247 .245 .240 .233 .223 .212 .200 .186 .171 .137 .099
       2.5 .251 .257 .263 .269 .274 .279 .283 .286 .289 .291 .293 .292 .289 .284 .277 .268 .258 .245 .230 .213 .196 .158
       3.0 .298 .304 .309 .314 .319 .323 .327 .330 .332 .333 .331 .327 .321 .314 .306 .295 .283 .270 .254 .237 .218 .176
       3.5 .344 .349 .354 .358 .362 .366 .369 .370 .368 .365 .361 .355 .348 .339 .329 .318 .305 .290 .274 .256 .237
       4.0 .379 .388 .396 .401 .404 .405 .404 .402 .398 .393 .387 .380 .371 .361 .350 .337 .323 .308 .291
       4.5 .407 .418 .428 .435 .438 .438 .435 .430 .425 .418 .411 .402 .392 .381 .368 .354
       5.0 .432 .443 .453 .458 .462 .463 .461 .456 .449 .441 .432 .421 .410
       6.0 .471 .480 .488 .493 .497 .498 .497 .494
       7.0 .498 .507 .514 .519 .522
       8.0 .520 .529
     mief= .531 .532 .530 .527 .523 .517 .509 .498 .485 .468 .451 .433 .415 .396 .376 .357 .336 .314 .292 .268 .243 .180 .105
    tetaf=  8.6  8.1  7.7  7.4  7.0  6.7  6.4  6.1  5.9  5.7  5.5  5.3  5.1  4.9  4.7  4.6  4.4  4.2  4.0  3.9  3.7  3.1  2.2
```

TABELA 16a

ACO CA-50B delta=0.05 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40 ni0= 1.08

Valores de mi

)=0.1

teta=1.0 .011 .039 .057 .066 .068 .063 .058 .051 .044 .035 .021
1.5 .016 .045 .067 .081 .089 .090 .084 .074 .062 .047 .026
2.0 .021 .051 .074 .091 .102 .106 .103 .093 .076 .055 .030
2.5 .026 .056 .080 .099 .111 .117 .114 .104 .085 .060
3.0 .029 .060 .086 .105 .118 .124 .121 .111 .091 .065
3.5 .031 .064 .090 .110 .123 .128 .126 .115 .096
4.0 .033 .066 .094 .114 .127 .132 .129 .118
4.5 .035 .069 .096 .117 .130 .135 .131
5.0 .036 .071 .099 .120 .132 .137 .133
6.0 .039 .074 .102 .123 .136
7.0 .040 .076 .105 .126 .138
8.0 .041 .078 .107 .127
mief= .043 .081 .110 .128 .138 .140 .133 .119 .098 .067 .031
tetaf= 12.2 13.5 11.8 8.8 7.1 5.9 5.0 4.3 3.8 3.3 2.2 ni0= 1.16

Valores de mi

w=0.2

teta=1.0 .019 .043 .060 .069 .072 .069 .063 .058 .051 .044 .034 .018
1.5 .028 .053 .072 .086 .094 .096 .093 .084 .074 .061 .045 .023
2.0 .037 .062 .082 .098 .108 .114 .113 .106 .091 .074 .052
2.5 .045 .071 .091 .108 .119 .126 .126 .118 .104 .082 .058
3.0 .051 .078 .100 .117 .128 .134 .134 .126 .111 .089
3.5 .056 .084 .107 .124 .136 .141 .139 .132 .117 .094
4.0 .060 .089 .112 .130 .141 .146 .144 .136 .120
4.5 .064 .093 .117 .135 .146 .150 .148 .139
5.0 .067 .096 .120 .138 .149 .153 .151
6.0 .071 .102 .126 .144 .154 .158
7.0 .075 .106 .130 .148 .158
8.0 .077 .108 .133 .150
mief= .082 .114 .137 .151 .158 .158 .152 .139 .121 .096 .062 .025
tetaf= 13.0 14.1 10.6 8.5 7.1 6.0 5.2 4.6 4.1 3.7 3.0 1.8 ni0= 1.25

Valores de mi

w=0.3

teta=1.0 .026 .047 .063 .073 .076 .074 .069 .064 .058 .052 .044 .033 .015
1.5 .039 .060 .077 .091 .099 .102 .100 .094 .085 .074 .060 .042
2.0 .051 .072 .090 .105 .115 .121 .122 .117 .106 .090 .071 .049
2.5 .062 .084 .102 .117 .128 .135 .136 .131 .120 .102 .080 .055
3.0 .071 .094 .113 .128 .139 .145 .146 .140 .129 .111 .087
3.5 .078 .102 .122 .138 .148 .153 .153 .147 .135 .117 .093
4.0 .084 .109 .130 .146 .156 .160 .159 .152 .140
4.5 .089 .115 .136 .152 .162 .166 .164 .156
5.0 .094 .120 .141 .157 .166 .170 .168
6.0 .101 .127 .149 .164 .173 .177
7.0 .106 .133 .154 .169 .178
8.0 .109 .136 .158 .173
mief= .117 .144 .162 .174 .178 .178 .171 .159 .143 .121 .093 .057 .019
tetaf= 13.7 12.4 9.9 8.2 7.0 6.1 5.4 4.8 4.3 3.9 3.5 2.7 1.5 ni0= 1.33

Valores de mi

w=0.4

teta=1.0 .032 .051 .066 .076 .080 .079 .075 .070 .065 .059 .052 .044 .031 .012
1.5 .048 .067 .083 .095 .104 .108 .108 .103 .094 .085 .073 .059 .040
2.0 .063 .082 .098 .112 .122 .128 .130 .127 .119 .105 .089 .069 .047
2.5 .078 .097 .113 .126 .137 .143 .146 .143 .134 .120 .100 .078
3.0 .089 .110 .127 .140 .150 .156 .157 .154 .145 .130 .110 .085
3.5 .098 .120 .138 .152 .161 .166 .166 .162 .152 .137 .117
4.0 .106 .128 .147 .161 .171 .175 .173 .168 .158 .143
4.5 .113 .136 .155 .169 .178 .181 .180 .174 .163
5.0 .118 .142 .161 .175 .183 .187 .185 .178
6.0 .128 .151 .170 .183 .192 .195
7.0 .135 .158 .177 .190 .198
8.0 .139 .163 .182 .195
mief= .149 .171 .186 .196 .199 .197 .190 .179 .163 .144 .120 .088 .051 .013
tetaf= 14.1 11.3 9.4 8.1 7.0 6.2 5.6 5.0 4.5 4.1 3.7 3.3 2.4 1.1

TABELA 16b

ACO CA-50B delta=0.05 n'= 10 n1= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
  w=0.5                                                  Valores de mi
   teta=1.0 .038 .055 .069 .079 .084 .084 .080 .075 .071 .065 .060 .053 .043 .029                                    ni0= 1.41
       1.5 .057 .074 .089 .100 .109 .113 .114 .111 .104 .095 .085 .073 .057 .037
       2.0 .075 .092 .106 .119 .128 .135 .138 .137 .131 .120 .105 .087 .067 .044
       2.5 .092 .109 .123 .136 .146 .152 .155 .154 .148 .136 .119 .099 .076
       3.0 .106 .124 .140 .152 .161 .167 .169 .166 .159 .147 .130 .108 .083
       3.5 .117 .137 .153 .166 .174 .179 .179 .176 .168 .155 .138 .116
       4.0 .127 .147 .164 .177 .185 .189 .188 .184 .175 .162
       4.5 .135 .156 .173 .186 .194 .197 .196 .190 .181
       5.0 .142 .163 .180 .193 .200 .204 .202 .197
       6.0 .154 .174 .191 .203 .211 .214
       7.0 .161 .183 .199 .211 .218
       8.0 .167 .189 .205
    mief= .178 .197 .210 .217 .219 .216 .210 .199 .184 .166 .144 .118 .083 .046 .005
   tetaf= 12.7 10.6  9.0  7.9  7.0  6.3  5.7  5.2  4.7  4.3  3.9  3.6  3.0  2.1  0.6
  w=0.6                                                  Valores de mi
   teta=1.0 .044 .060 .073 .082 .087 .088 .085 .081 .076 .072 .067 .061 .053 .042 .026                                ni0= 1.49
       1.5 .065 .080 .094 .105 .114 .119 .120 .118 .113 .105 .096 .085 .072 .055 .035
       2.0 .086 .101 .114 .126 .135 .142 .145 .145 .141 .133 .119 .104 .086 .065
       2.5 .105 .121 .134 .145 .155 .161 .165 .164 .160 .151 .137 .118 .097 .074
       3.0 .122 .138 .152 .163 .172 .178 .180 .178 .173 .163 .149 .130 .106
       3.5 .135 .153 .168 .180 .188 .192 .192 .190 .183 .172 .158 .138 .115
       4.0 .146 .165 .181 .192 .200 .204 .203 .199 .191 .180 .165
       4.5 .156 .175 .191 .202 .210 .213 .212 .207 .199 .187
       5.0 .164 .184 .199 .211 .218 .221 .219 .215
       6.0 .178 .197 .212 .223 .230 .232
       7.0 .187 .207 .221 .232 .238
       8.0 .193 .213 .228
    mief= .206 .221 .232 .238 .239 .236 .229 .219 .204 .187 .167 .143 .115 .078 .040
   tetaf= 11.7 10.1  8.8  7.8  7.0  6.4  5.8  5.3  4.9  4.5  4.1  3.8  3.5  2.8  1.9
  w=0.7                                                  Valores de mi
   teta=1.0 .049 .064 .076 .085 .091 .092 .090 .086 .082 .077 .073 .068 .061 .053 .041 .024                            ni0= 1.57
       1.5 .073 .087 .100 .111 .119 .124 .126 .125 .121 .114 .106 .097 .085 .071 .053 .032
       2.0 .096 .110 .123 .133 .142 .149 .153 .154 .151 .144 .133 .119 .103 .084 .063
       2.5 .118 .132 .144 .155 .164 .170 .174 .175 .171 .164 .152 .136 .117 .095 .072
       3.0 .137 .152 .165 .175 .183 .189 .191 .190 .186 .178 .166 .149 .129 .105
       3.5 .153 .169 .183 .194 .201 .205 .206 .203 .197 .188 .176 .159 .138
       4.0 .165 .183 .197 .208 .215 .218 .218 .214 .207 .197 .184
       4.5 .176 .194 .208 .219 .226 .229 .228 .224 .216 .205
       5.0 .186 .204 .218 .228 .235 .238 .237 .232 .224
       6.0 .201 .218 .232 .242 .249 .251
       7.0 .212 .230 .243 .253 .259
       8.0 .219 .237 .251
    mief= .232 .245 .255 .259 .259 .255 .249 .238 .224 .208 .189 .167 .142 .110 .072 .034
   tetaf= 11.0  9.7  8.6  7.7  7.0  6.4  5.9  5.4  5.0  4.7  4.3  4.0  3.7  3.3  2.5  1.6
  w=0.8                                                  Valores de mi
   teta=1.0 .054 .068 .080 .088 .094 .096 .095 .091 .087 .083 .079 .074 .069 .062 .052 .039 .021                      ni0= 1.65
       1.5 .080 .094 .106 .116 .124 .129 .132 .132 .129 .123 .116 .107 .097 .084 .069 .051
       2.0 .106 .119 .131 .141 .149 .156 .160 .162 .160 .155 .146 .133 .118 .102 .082 .061
       2.5 .131 .143 .155 .164 .173 .179 .183 .184 .182 .176 .167 .153 .135 .115 .094
       3.0 .152 .166 .178 .187 .195 .200 .203 .202 .199 .192 .181 .167 .149 .127 .104
       3.5 .169 .184 .197 .207 .214 .218 .219 .217 .212 .204 .193 .178 .160 .138
       4.0 .184 .200 .213 .223 .230 .233 .233 .229 .223 .214 .202 .187
       4.5 .196 .213 .226 .236 .242 .245 .245 .240 .233 .223
       5.0 .207 .223 .236 .246 .252 .255 .254 .250 .242
       6.0 .224 .240 .252 .261 .268 .270
       7.0 .236 .252 .264 .273 .279
       8.0 .245 .261 .273
    mief= .257 .269 .276 .280 .279 .275 .269 .258 .245 .228 .210 .190 .166 .139 .104 .067 .027
   tetaf= 10.5  9.4  8.5  7.7  7.0  6.5  6.0  5.5  5.2  4.8  4.5  4.2  3.9  3.6  3.1  2.3  1.3
```

TABELA 16c

ACO CA-50B delta=0.05 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

ni0= 1.74

Valores de mi

0.9

eta=1.0 .059 .072 .083 .092 .097 .100 .099 .096 .092 .089 .085 .080 .076 .070 .062 .051 .037 .018

1.5 .088 .100 .111 .121 .129 .134 .137 .138 .136 .131 .125 .117 .108 .097 .084 .068 .049

2.0 .116 .128 .139 .148 .156 .163 .167 .170 .169 .165 .158 .147 .133 .118 .100 .081 .059

2.5 .143 .154 .165 .174 .182 .189 .193 .194 .193 .188 .180 .169 .153 .135 .114 .092

3.0 .166 .179 .190 .199 .206 .211 .214 .214 .211 .205 .196 .184 .168 .149 .126

3.5 .186 .200 .212 .221 .228 .231 .232 .230 .226 .219 .209 .196 .180 .160

4.0 .202 .217 .229 .239 .245 .248 .248 .244 .239 .231 .220 .206 .189

4.5 .215 .231 .243 .252 .258 .261 .261 .257 .250 .241 .229

5.0 .228 .242 .255 .264 .269 .272 .271 .267 .260

6.0 .246 .261 .272 .281 .286 .288 .288

7.0 .260 .274 .286 .294 .299

8.0 .269 .284 .296

mief= .281 .292 .298 .301 .299 .295 .288 .278 .265 .249 .231 .212 .190 .165 .136 .099 .061 .020

tetaf= 10.2 9.1 8.3 7.6 7.0 6.5 6.0 5.6 5.3 4.9 4.6 4.3 4.0 3.7 3.5 2.8 2.1 1.1

ni0= 1.82

Valores de mi

=1.0

teta=1.0 .064 .076 .087 .095 .101 .104 .104 .101 .097 .094 .090 .086 .082 .077 .071 .062 .050 .034

1.5 .095 .106 .117 .126 .134 .139 .143 .144 .143 .139 .133 .126 .118 .109 .097 .083 .066 .046

2.0 .125 .136 .147 .156 .164 .170 .174 .177 .177 .175 .169 .160 .147 .133 .117 .099 .079

2.5 .155 .165 .175 .184 .191 .198 .202 .204 .203 .200 .193 .183 .170 .153 .134 .113 .091

3.0 .180 .192 .203 .211 .218 .222 .225 .226 .223 .218 .210 .200 .186 .168 .148 .125

3.5 .202 .215 .226 .235 .241 .244 .245 .244 .240 .234 .225 .213 .198 .181 .160

4.0 .220 .234 .245 .254 .260 .263 .262 .259 .254 .247 .237 .224 .209

4.5 .235 .249 .260 .269 .275 .277 .277 .273 .267 .258 .247

5.0 .247 .261 .273 .281 .286 .289 .288 .285 .279 .269

6.0 .267 .282 .292 .300 .305 .307 .306

7.0 .283 .296 .307 .314 .319

8.0 .293 .306 .318

mief= .305 .314 .320 .321 .319 .315 .308 .298 .286 .270 .252 .233 .212 .189 .163 .131 .094 .055 .011

tetaf= 9.8 8.9 8.2 7.6 7.0 6.5 6.1 5.7 5.4 5.0 4.7 4.5 4.2 3.9 3.6 3.3 2.6 1.9 0.7

ni0= 1.90

Valores de mi

w=1.1

teta=1.0 .068 .080 .090 .098 .104 .107 .108 .106 .102 .099 .095 .092 .088 .084 .078 .071 .061 .048 .032

1.5 .102 .113 .123 .132 .139 .145 .148 .150 .150 .147 .142 .135 .128 .119 .109 .096 .082 .064 .044

2.0 .134 .145 .155 .163 .171 .177 .182 .185 .186 .184 .179 .172 .161 .148 .133 .116 .098 .077

2.5 .166 .176 .185 .194 .201 .207 .211 .213 .213 .211 .205 .196 .185 .170 .152 .133 .112

3.0 .194 .205 .215 .223 .229 .234 .237 .237 .235 .231 .224 .215 .202 .187 .168 .147 .124

3.5 .217 .230 .240 .249 .255 .258 .258 .257 .254 .248 .240 .229 .216 .200 .182 .160

4.0 .237 .250 .261 .269 .275 .278 .277 .275 .270 .263 .253 .242 .228 .212

4.5 .253 .267 .277 .286 .291 .293 .293 .290 .284 .276 .265 .253

5.0 .267 .280 .291 .299 .304 .306 .305 .302 .297 .287

6.0 .289 .302 .312 .319 .324 .326 .325

7.0 .305 .318 .328 .335 .339

8.0 .317 .329 .340

mief= .328 .336 .341 .342 .339 .335 .328 .318 .306 .291 .273 .255 .235 .213 .188 .161 .126 .088 .048

tetaf= 9.6 8.8 8.1 7.5 7.0 6.6 6.2 5.8 5.5 5.1 4.9 4.6 4.3 4.0 3.8 3.6 3.1 2.4 1.7

ni0= 1.98

Valores de mi

w=1.2

teta=1.0 .073 .084 .094 .102 .108 .111 .112 .111 .107 .104 .101 .097 .094 .090 .085 .079 .071 .060 .047 .029

1.5 .109 .119 .129 .137 .144 .150 .154 .156 .156 .154 .150 .144 .137 .129 .120 .109 .096 .080 .062

2.0 .143 .153 .163 .171 .178 .184 .189 .192 .194 .192 .189 .183 .173 .161 .148 .132 .115 .096 .076

2.5 .177 .187 .195 .203 .210 .216 .221 .223 .223 .221 .217 .209 .199 .186 .170 .151 .132 .110

3.0 .208 .218 .227 .235 .241 .245 .248 .249 .247 .244 .238 .229 .218 .204 .188 .168 .146

3.5 .233 .245 .255 .263 .268 .271 .272 .271 .268 .262 .255 .245 .233 .219 .202 .182

4.0 .254 .267 .277 .285 .290 .292 .292 .290 .285 .278 .270 .259 .246 .231

4.5 .272 .285 .294 .302 .307 .309 .309 .306 .301 .293 .283 .271

5.0 .286 .299 .309 .316 .321 .324 .323 .319 .314 .306

6.0 .310 .322 .331 .338 .343 .344 .344

7.0 .327 .339 .348 .355 .359

8.0 .340 .352 .362

mief= .351 .358 .362 .362 .359 .355 .347 .338 .326 .312 .294 .276 .257 .235 .212 .187 .158 .120 .082 .041

tetaf= 9.4 8.7 8.0 7.5 7.0 6.6 6.2 5.8 5.5 5.2 5.0 4.7 4.4 4.2 3.9 3.7 3.4 2.9 2.3 1.5

TABELA 16d

ACO CA-50B delta=0.05 n'= 10 ni= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=1.4                                                Valores de mi                                                   ni0= 2.14
 teta=1.0 .082 .092 .101 .109 .114 .118 .120 .120 .117 .114 .111 .108 .104 .101 .098 .093 .088 .080 .070 .058 .042
      1.5 .122 .132 .140 .148 .155 .160 .165 .167 .168 .167 .165 .160 .155 .148 .141 .132 .121 .109 .094 .077 .058
      2.0 .161 .170 .179 .186 .193 .199 .203 .207 .209 .209 .207 .203 .196 .187 .175 .162 .147 .131 .113 .093
      2.5 .200 .208 .216 .223 .229 .235 .239 .242 .243 .242 .239 .234 .226 .215 .202 .187 .169 .150 .130 .108
      3.0 .234 .244 .252 .258 .264 .268 .271 .272 .271 .268 .264 .257 .248 .236 .223 .207 .188 .167 .145
      3.5 .263 .274 .283 .290 .295 .298 .299 .297 .295 .291 .284 .276 .266 .253 .239 .222 .203 .182
      4.0 .288 .299 .308 .315 .320 .322 .322 .320 .316 .310 .302 .293 .281 .268 .253
      4.5 .308 .319 .328 .335 .340 .341 .341 .339 .334 .327 .318 .308 .296
      5.0 .324 .336 .345 .351 .355 .358 .357 .354 .350 .343 .333
      6.0 .351 .362 .370 .376 .381 .382 .381
      7.0 .371 .381 .390 .396 .399
      8.0 .385 .396
    mief= .396 .401 .404 .403 .400 .395 .387 .378 .367 .353 .336 .318 .299 .280 .258 .235 .210 .183 .147 .109 .069
   tetaf=  9.0  8.4  7.9  7.4  7.0  6.6  6.3  6.0  5.7  5.4  5.1  4.9  4.6  4.4  4.2  4.0  3.8  3.5  3.1  2.5  1.9
w=1.6                                                Valores de mi                                                   ni0= 2.31
 teta=1.0 .091 .100 .109 .116 .121 .125 .128 .128 .126 .124 .121 .118 .115 .112 .109 .105 .101 .096 .089 .080 .069 .038
      1.5 .136 .144 .152 .159 .166 .171 .175 .178 .180 .180 .178 .175 .171 .166 .159 .152 .143 .133 .121 .107 .091 .054
      2.0 .179 .187 .195 .202 .208 .213 .218 .221 .224 .225 .225 .222 .217 .210 .201 .189 .176 .162 .146 .129 .110
      2.5 .221 .229 .236 .242 .248 .254 .258 .261 .262 .262 .260 .256 .250 .242 .232 .219 .203 .186 .168 .148 .127
      3.0 .260 .269 .276 .282 .288 .291 .294 .295 .295 .293 .289 .283 .276 .266 .255 .241 .225 .207 .187 .166
      3.5 .293 .303 .311 .318 .322 .325 .325 .324 .322 .318 .313 .306 .297 .286 .274 .260 .243 .225 .204
      4.0 .321 .331 .340 .346 .350 .352 .352 .350 .346 .341 .334 .326 .315 .304 .291 .275
      4.5 .344 .354 .362 .368 .372 .374 .374 .372 .368 .361 .353 .343 .332 .319
      5.0 .362 .372 .381 .386 .390 .392 .392 .389 .385 .379 .370 .359
      6.0 .392 .401 .409 .415 .419 .420 .419 .417
      7.0 .414 .424 .431 .436 .439
      8.0 .430 .441
    mief= .440 .444 .446 .443 .440 .435 .427 .418 .407 .394 .379 .361 .342 .323 .303 .281 .258 .234 .207 .174 .136 .056
   tetaf=  8.8  8.3  7.8  7.4  7.0  6.7  6.3  6.1  5.8  5.5  5.3  5.0  4.8  4.6  4.4  4.2  4.0  3.8  3.6  3.3  2.8  1.6
w=1.8                                                Valores de mi                                                   ni0= 2.47
 teta=1.0 .100 .108 .116 .123 .128 .132 .135 .136 .135 .133 .130 .128 .125 .122 .119 .116 .113 .110 .104 .098 .089 .066 .033
      1.5 .149 .156 .164 .171 .177 .182 .186 .189 .191 .192 .191 .190 .186 .182 .177 .170 .163 .155 .145 .133 .120 .088
      2.0 .196 .204 .211 .217 .223 .228 .233 .236 .239 .241 .241 .240 .237 .231 .224 .215 .203 .191 .177 .162 .145 .108
      2.5 .243 .250 .256 .262 .268 .273 .277 .280 .282 .282 .281 .278 .273 .267 .258 .248 .235 .220 .203 .186 .167
      3.0 .286 .294 .301 .306 .311 .315 .317 .318 .318 .317 .313 .309 .303 .294 .285 .273 .259 .244 .227 .207 .186
      3.5 .323 .332 .340 .345 .350 .352 .353 .352 .349 .346 .341 .335 .327 .318 .307 .294 .280 .264 .246 .226
      4.0 .354 .363 .371 .376 .380 .382 .383 .381 .377 .372 .365 .358 .349 .338 .326 .313 .298 .281
      4.5 .379 .388 .395 .401 .405 .406 .406 .405 .401 .395 .387 .378 .368 .356 .343
      5.0 .399 .409 .416 .421 .424 .427 .427 .424 .420 .414 .407 .397
      6.0 .432 .440 .447 .453 .457 .457 .457 .455
      7.0 .457 .465 .472 .477 .480
      8.0 .475 .485
    mief= .483 .487 .487 .484 .480 .475 .467 .458 .448 .435 .420 .404 .385 .366 .346 .326 .304 .281 .257 .231 .201 .124 .041
   tetaf=  8.6  8.1  7.7  7.4  7.0  6.7  6.4  6.1  5.9  5.6  5.4  5.2  5.0  4.8  4.6  4.4  4.2  4.0  3.8  3.6  3.4  2.5  1.2
w=2.0                                                Valores de mi                                                   ni0= 2.64
 teta=1.0 .109 .116 .124 .130 .135 .139 .142 .144 .144 .142 .140 .137 .135 .132 .129 .127 .124 .121 .118 .113 .107 .089 .062
      1.5 .161 .169 .176 .182 .188 .193 .197 .200 .202 .204 .204 .203 .201 .197 .193 .188 .182 .174 .166 .157 .146 .119 .085
      2.0 .213 .220 .227 .233 .238 .243 .247 .251 .254 .256 .257 .257 .255 .251 .245 .238 .228 .217 .205 .191 .177 .143 .105
      2.5 .264 .270 .276 .282 .287 .292 .296 .299 .301 .302 .301 .299 .296 .290 .284 .275 .264 .252 .237 .221 .203 .165
      3.0 .312 .319 .325 .330 .334 .338 .340 .341 .342 .341 .338 .334 .329 .322 .313 .303 .291 .278 .263 .246 .227 .185
      3.5 .352 .361 .368 .373 .377 .379 .380 .379 .377 .373 .369 .364 .356 .348 .339 .327 .314 .300 .284 .267 .248
      4.0 .386 .395 .402 .407 .411 .412 .413 .411 .408 .403 .397 .389 .381 .372 .360 .348 .335 .320 .303
      4.5 .414 .422 .429 .434 .438 .439 .439 .437 .434 .429 .421 .413 .403 .392 .380 .367
      5.0 .436 .445 .451 .456 .459 .461 .461 .459 .455 .450 .443 .435 .424
      6.0 .472 .479 .486 .491 .494 .495 .494 .492
      7.0 .499 .507 .513 .517 .520
      8.0 .519 .529
    mief= .526 .529 .528 .525 .520 .515 .507 .498 .488 .476 .461 .446 .428 .409 .390 .370 .349 .327 .304 .280 .255 .190 .112
   tetaf=  8.4  8.0  7.7  7.3  7.0  6.7  6.4  6.2  5.9  5.7  5.5  5.3  5.1  4.9  4.7  4.6  4.4  4.2  4.0  3.9  3.7  3.1  2.2
```

TABELA 17a

ACO CA-50B delta=0.10 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2:40

Valores de mi ni0= 1.08

)=0.1

teta=1.0 .010 .038 .056 .065 .067 .062 .057 .050 .043 .034 .021
1.5 .015 .044 .065 .080 .088 .089 .083 .073 .061 .046 .026
2.0 .020 .049 .072 .089 .100 .104 .102 .091 .074 .054 .029
2.5 .024 .054 .078 .097 .109 .115 .113 .103 .084 .060
3.0 .027 .058 .083 .102 .115 .121 .119 .109 .090 .064
3.5 .030 .062 .088 .107 .120 .126 .124 .113 .094
4.0 .032 .064 .091 .111 .124 .129 .127 .116
4.5 .033 .067 .094 .115 .127 .132 .129
5.0 .035 .069 .096 .117 .129 .134 .131
6.0 .038 .072 .100 .120 .133 .137
7.0 .039 .074 .103 .123 .135
8.0 .040 .076 .104 .124
mief= .043 .080 .107 .125 .135 .137 .131 .118 .096 .066 .030
tetaf= 13.0 14.5 11.6 8.8 7.1 5.9 5.0 4.4 3.8 3.3 2.2

Valores de mi ni0= 1.16

w=0.2

teta=1.0 .017 .041 .058 .068 .071 .067 .062 .056 .050 .042 .033 .018
1.5 .026 .050 .070 .083 .091 .094 .090 .082 .072 .059 .043 .022
2.0 .034 .058 .079 .094 .105 .110 .110 .103 .089 .071 .050
2.5 .042 .066 .087 .104 .115 .122 .122 .115 .101 .080 .056
3.0 .048 .074 .095 .112 .124 .130 .130 .123 .108 .087 .060
3.5 .053 .080 .102 .119 .130 .136 .135 .128 .113 .092
4.0 .057 .084 .107 .124 .136 .140 .139 .131 .117
4.5 .060 .088 .112 .129 .140 .144 .142 .134
5.0 .063 .092 .115 .133 .143 .148 .145
6.0 .068 .097 .121 .138 .148 .152
7.0 .072 .101 .125 .142 .152
8.0 .074 .104 .128 .145
mief= .080 .110 .132 .146 .152 .153 .147 .135 .118 .093 .060 .024
tetaf= 14.0 13.6 10.4 8.4 7.1 6.0 5.3 4.6 4.1 3.7 3.0 1.9

Valores de mi ni0= 1.25

w=0.3

teta=1.0 .023 .045 .060 .070 .074 .071 .067 .061 .056 .049 .042 .031 .014
1.5 .035 .056 .074 .087 .095 .098 .097 .090 .081 .071 .058 .040 .018
2.0 .046 .067 .085 .100 .110 .116 .117 .113 .102 .087 .069 .047
2.5 .057 .078 .096 .111 .122 .129 .130 .126 .116 .099 .077 .052
3.0 .065 .088 .106 .121 .132 .138 .139 .135 .124 .107 .084
3.5 .072 .096 .115 .130 .140 .146 .146 .141 .130 .113 .089
4.0 .078 .102 .122 .137 .147 .152 .151 .146 .134
4.5 .083 .108 .128 .143 .153 .157 .156 .149
5.0 .088 .113 .133 .148 .158 .161 .159
6.0 .095 .120 .140 .155 .164 .168
7.0 .100 .126 .146 .160 .169
8.0 .104 .130 .150 .164
mief= .112 .137 .154 .165 .169 .169 .163 .152 .137 .116 .090 .054 .018
tetaf= 14.9 11.9 9.7 8.2 7.0 6.2 5.5 4.9 4.4 3.9 3.5 2.7 1.5

Valores de mi ni0= 1.33

w=0.4

teta=1.0 .029 .048 .063 .072 .077 .076 .071 .066 .061 .056 .049 .041 .029 .011
1.5 .043 .062 .078 .090 .099 .103 .102 .098 .090 .081 .069 .055 .037
2.0 .057 .075 .092 .105 .115 .121 .123 .121 .114 .100 .084 .066 .044
2.5 .070 .088 .104 .118 .128 .135 .138 .136 .128 .115 .096 .074
3.0 .081 .101 .117 .130 .140 .147 .149 .146 .138 .124 .105 .081
3.5 .090 .111 .128 .141 .150 .156 .157 .153 .144 .131 .111
4.0 .098 .119 .137 .150 .159 .163 .163 .159 .150 .136
4.5 .104 .126 .144 .158 .166 .170 .169 .164 .154
5.0 .110 .132 .150 .163 .172 .175 .174 .168
6.0 .119 .141 .159 .172 .180 .183
7.0 .126 .148 .166 .178 .186
8.0 .131 .153 .171
mief= .141 .161 .175 .183 .186 .185 .179 .168 .155 .137 .114 .084 .049 .012
tetaf= 13.3 10.9 9.2 8.0 7.0 6.3 5.6 5.1 4.6 4.2 3.8 3.3 2.4 1.1

TABELA 17b

ACO CA-50B delta=0.10 n'= 10 ni= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
 w=0.5                                                Valores de mi                                                    ni0= 1.41
  teta=1.0 .034 .051 .065 .075 .079 .079 .076 .071 .066 .061 .056 .049 .040 .027
       1.5 .050 .067 .082 .094 .102 .107 .108 .104 .098 .090 .080 .068 .053 .034
       2.0 .066 .083 .098 .110 .120 .126 .129 .129 .123 .113 .099 .082 .063 .041
       2.5 .082 .098 .113 .125 .135 .142 .146 .145 .139 .129 .113 .093 .071
       3.0 .096 .113 .127 .139 .149 .155 .158 .156 .150 .139 .123 .102 .078
       3.5 .107 .125 .140 .152 .161 .166 .167 .165 .158 .147 .131 .110
       4.0 .116 .135 .151 .163 .171 .175 .175 .172 .164 .152
       4.5 .124 .143 .159 .172 .179 .183 .182 .178 .169
       5.0 .130 .150 .167 .178 .186 .189 .188 .183
       6.0 .141 .161 .177 .189 .196 .199
       7.0 .150 .170 .185 .196 .203
       8.0 .156 .176 .191
    mief= .167 .184 .195 .202 .204 .201 .195 .185 .172 .156 .136 .111 .079 .043 .005
   tetaf= 12.1 10.3  8.9  7.9  7.0  6.3  5.8  5.2  4.8  4.4  4.0  3.6  3.1  2.2  0.6
 w=0.6                                                Valores de mi                                                    ni0= 1.49
  teta=1.0 .038 .055 .068 .077 .082 .083 .080 .076 .071 .067 .062 .056 .049 .039 .024
       1.5 .057 .073 .087 .098 .106 .111 .113 .111 .105 .098 .089 .079 .067 .051 .031
       2.0 .076 .091 .104 .116 .125 .132 .135 .136 .132 .124 .112 .097 .080 .060
       2.5 .093 .108 .121 .133 .142 .149 .153 .153 .150 .141 .128 .111 .091 .068
       3.0 .109 .125 .137 .148 .157 .164 .167 .166 .161 .153 .140 .122 .100
       3.5 .122 .139 .152 .163 .171 .176 .178 .176 .170 .161 .148 .130 .108
       4.0 .133 .150 .164 .176 .183 .187 .187 .184 .178 .168 .154
       4.5 .142 .160 .174 .186 .193 .196 .195 .191 .184 .174
       5.0 .150 .168 .183 .193 .200 .203 .202 .198
       6.0 .162 .181 .195 .205 .212 .215
       7.0 .173 .190 .204 .214 .220
       8.0 .179 .197 .211
    mief= .191 .205 .215 .219 .221 .218 .212 .202 .189 .174 .156 .134 .108 .073 .037
   tetaf= 11.2  9.8  8.7  7.8  7.0  6.4  5.9  5.4  5.0  4.6  4.2  3.8  3.5  2.8  1.9
 w=0.7                                                Valores de mi                                                    ni0= 1.57
  teta=1.0 .043 .058 .070 .079 .085 .086 .084 .080 .076 .072 .067 .062 .056 .048 .037 .021
       1.5 .064 .078 .091 .102 .110 .115 .117 .116 .112 .106 .098 .089 .078 .065 .048 .028
       2.0 .084 .098 .111 .122 .131 .137 .141 .142 .140 .134 .124 .111 .095 .078 .058
       2.5 .104 .117 .130 .140 .149 .156 .160 .161 .159 .153 .142 .127 .109 .088 .066
       3.0 .122 .136 .148 .158 .166 .172 .176 .176 .172 .165 .154 .139 .120 .097
       3.5 .137 .152 .164 .174 .182 .186 .188 .187 .183 .175 .163 .148 .129
       4.0 .149 .165 .178 .188 .195 .199 .199 .197 .191 .183 .171 .155
       4.5 .159 .176 .189 .199 .206 .209 .208 .205 .199 .189
       5.0 .168 .185 .198 .208 .215 .217 .217 .212 .205
       6.0 .183 .199 .212 .222 .228 .230
       7.0 .194 .210 .223 .231 .238
       8.0 .202 .218 .230
    mief= .214 .226 .234 .237 .238 .235 .228 .219 .207 .192 .175 .156 .132 .103 .067 .031
   tetaf= 10.7  9.4  8.5  7.7  7.0  6.5  5.9  5.5  5.1  4.7  4.4  4.0  3.7  3.4  2.6  1.7
 w=0.8                                                Valores de mi                                                    ni0= 1.65
  teta=1.0 .047 .061 .073 .082 .087 .089 .088 .084 .080 .076 .072 .068 .063 .056 .047 .035 .018
       1.5 .070 .084 .096 .106 .114 .119 .122 .122 .119 .113 .106 .098 .089 .077 .063 .046
       2.0 .092 .105 .117 .127 .136 .142 .147 .149 .148 .143 .135 .123 .109 .093 .075 .055
       2.5 .114 .127 .138 .148 .156 .163 .167 .169 .168 .163 .155 .142 .125 .106 .086
       3.0 .134 .147 .158 .167 .175 .181 .184 .185 .183 .177 .168 .155 .138 .118 .095
       3.5 .151 .164 .176 .185 .192 .197 .199 .198 .194 .188 .178 .165 .148 .128
       4.0 .165 .179 .191 .201 .207 .210 .211 .209 .204 .197 .186 .173
       4.5 .176 .191 .204 .213 .219 .222 .222 .218 .213 .204 .193
       5.0 .186 .202 .214 .223 .229 .231 .231 .227 .220
       6.0 .203 .218 .229 .238 .243 .246 .245
       7.0 .215 .229 .241 .249 .255
       8.0 .223 .239 .250
    mief= .235 .246 .252 .255 .255 .251 .245 .236 .224 .210 .194 .176 .154 .130 .098 .062 .024
   tetaf= 10.2  9.2  8.3  7.6  7.0  6.5  6.0  5.6  5.2  4.9  4.5  4.2  3.9  3.6  3.1  2.4  1.4
```

TABELA 17c

ACO CA-50B delta=0.10 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=0.9 Valores de mi ni0= 1.74

teta=1.0	.051	.064	.075	.084	.090	.093	.092	.088	.085	.081	.077	.073	.068	.063	.056	.046	.033	.016				
1.5	.076	.089	.100	.110	.117	.123	.126	.127	.125	.120	.114	.107	.099	.088	.076	.061	.043					
2.0	.100	.112	.124	.133	.141	.148	.152	.155	.155	.152	.145	.135	.122	.108	.092	.073	.053					
2.5	.124	.136	.146	.155	.163	.170	.174	.177	.176	.173	.166	.155	.141	.124	.104	.084						
3.0	.146	.158	.168	.176	.184	.190	.193	.194	.193	.188	.180	.169	.155	.137	.116							
3.5	.164	.177	.188	.196	.203	.207	.209	.209	.206	.200	.192	.180	.165	.147	.126							
4.0	.180	.193	.205	.213	.219	.222	.223	.221	.217	.210	.201	.189	.174									
4.5	.193	.207	.218	.227	.233	.235	.235	.232	.227	.219	.209											
5.0	.204	.218	.229	.238	.243	.245	.245	.242	.236	.227												
6.0	.222	.235	.246	.254	.259	.262	.261															
7.0	.235	.248	.259	.266	.272																	
8.0	.245	.259	.269																			
mief=	.256	.265	.271	.272	.272	.268	.262	.253	.241	.227	.212	.195	.175	.153	.127	.092	.056	.017				
tetaf=	9.9	8.9	8.2	7.6	7.0	6.5	6.1	5.7	5.3	5.0	4.7	4.4	4.1	3.8	3.5	2.9	2.2	1.1				

w=1.0 Valores de mi ni0= 1.82

teta=1.0	.055	.068	.078	.087	.092	.095	.095	.093	.089	.085	.082	.078	.074	.069	.063	.055	.045	.030				
1.5	.082	.094	.105	.114	.121	.127	.130	.132	.130	.127	.121	.115	.107	.099	.088	.075	.059	.041				
2.0	.108	.120	.130	.139	.147	.153	.158	.160	.161	.159	.154	.146	.135	.122	.107	.090	.071					
2.5	.134	.144	.154	.163	.171	.177	.181	.184	.184	.182	.176	.168	.156	.140	.122	.103	.082					
3.0	.158	.168	.178	.186	.193	.199	.202	.204	.202	.199	.192	.183	.170	.155	.135	.114						
3.5	.178	.189	.199	.207	.214	.218	.220	.219	.217	.212	.205	.195	.182	.166	.147							
4.0	.194	.207	.218	.226	.232	.234	.235	.233	.229	.223	.215	.204	.191									
4.5	.209	.222	.233	.241	.246	.248	.248	.245	.240	.234	.224	.213										
5.0	.221	.234	.245	.252	.258	.260	.260	.256	.250	.243												
6.0	.240	.253	.263	.271	.275	.277	.277															
7.0	.254	.267	.277	.284	.289																	
8.0	.266	.278	.288																			
mief=	.277	.284	.289	.290	.289	.285	.279	.270	.259	.245	.230	.213	.195	.174	.151	.122	.086	.050	.010			
tetaf=	9.6	8.8	8.1	7.5	7.0	6.6	6.1	5.8	5.4	5.1	4.8	4.5	4.2	4.0	3.7	3.4	2.7	2.0	0.7			

w=1.1 Valores de mi ni0= 1.90

teta=1.0	.059	.071	.081	.089	.095	.098	.099	.097	.093	.090	.086	.083	.079	.075	.070	.063	.055	.043	.028			
1.5	.088	.099	.109	.118	.125	.131	.135	.136	.136	.133	.128	.122	.116	.108	.098	.087	.073	.057	.038			
2.0	.116	.126	.136	.145	.152	.159	.163	.166	.167	.167	.163	.156	.146	.134	.121	.105	.088	.069				
2.5	.143	.153	.162	.171	.178	.184	.189	.192	.192	.191	.186	.179	.169	.155	.139	.120	.101	.080				
3.0	.169	.179	.187	.195	.202	.207	.211	.213	.212	.209	.204	.195	.184	.171	.154	.134	.112					
3.5	.191	.202	.211	.219	.224	.228	.230	.230	.228	.224	.217	.208	.197	.183	.166	.146						
4.0	.209	.221	.231	.238	.244	.247	.247	.245	.242	.236	.229	.219	.207	.193								
4.5	.224	.237	.247	.254	.259	.262	.262	.259	.254	.248	.239	.229										
5.0	.237	.250	.260	.267	.272	.274	.274	.271	.265	.258												
6.0	.258	.270	.280	.287	.291	.293	.293															
7.0	.274	.286	.295	.301	.306																	
8.0	.286	.297	.307																			
mief=	.297	.303	.307	.307	.306	.302	.296	.287	.276	.262	.247	.231	.214	.194	.173	.148	.116	.080	.043			
tetaf=	9.3	8.6	8.0	7.5	7.0	6.6	6.2	5.8	5.5	5.2	4.9	4.6	4.4	4.1	3.9	3.6	3.2	2.5	1.8			

w=1.2 Valores de mi ni0= 1.98

teta=1.0	.063	.074	.084	.092	.098	.101	.102	.100	.097	.094	.091	.087	.084	.080	.076	.070	.063	.054	.041	.025		
1.5	.094	.104	.114	.122	.129	.135	.139	.141	.141	.139	.135	.129	.123	.116	.108	.098	.086	.071	.055	.036		
2.0	.123	.133	.143	.151	.158	.164	.169	.172	.174	.173	.171	.166	.157	.146	.134	.119	.104	.086	.067			
2.5	.152	.162	.170	.178	.185	.191	.196	.199	.200	.199	.196	.190	.181	.169	.154	.137	.119	.099				
3.0	.180	.189	.197	.204	.211	.216	.220	.222	.222	.219	.215	.207	.198	.186	.171	.153	.132	.111				
3.5	.203	.214	.223	.230	.235	.239	.241	.241	.239	.236	.230	.222	.211	.198	.183	.165	.144					
4.0	.223	.234	.244	.251	.256	.259	.259	.257	.255	.249	.243	.234	.223	.209								
4.5	.240	.251	.261	.268	.273	.275	.275	.272	.268	.262	.254	.244	.233									
5.0	.254	.266	.275	.282	.286	.288	.288	.286	.280	.273	.264											
6.0	.276	.287	.296	.303	.307	.309	.309															
7.0	.293	.304	.312	.318	.323																	
8.0	.306	.317																				
mief=	.316	.322	.325	.325	.323	.319	.313	.304	.293	.280	.265	.249	.233	.214	.194	.171	.145	.111	.075	.037		
tetaf=	9.1	8.5	7.9	7.5	7.0	6.6	6.2	5.9	5.6	5.3	5.0	4.8	4.5	4.2	4.0	3.8	3.5	3.0	2.4	1.6		

TABELA 17d

AÇO CA-50B delta=0.10 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=1.4 Valores de mi ni0= 2.14

teta=1.0 .071 .080 .089 .097 .103 .107 .108 .108 .105 .102 .099 .096 .093 .089 .086 .082 .077 .071 .062 .051 .037
1.5 .105 .114 .123 .131 .137 .143 .147 .150 .150 .150 .147 .143 .138 .132 .125 .117 .108 .097 .083 .068 .050
2.0 .138 .147 .155 .163 .170 .175 .180 .183 .186 .186 .185 .182 .177 .168 .158 .146 .132 .117 .100 .082
2.5 .170 .179 .186 .194 .200 .205 .210 .214 .216 .216 .214 .210 .203 .194 .183 .168 .152 .134 .116 .095
3.0 .202 .210 .217 .223 .229 .234 .238 .240 .240 .239 .236 .230 .223 .213 .201 .186 .169 .150 .129
3.5 .228 .237 .245 .252 .257 .260 .262 .263 .261 .258 .254 .247 .239 .228 .215 .201 .183 .164
4.0 .251 .261 .270 .276 .281 .283 .283 .282 .279 .275 .269 .261 .252 .241 .228 .212
4.5 .270 .281 .289 .295 .300 .302 .302 .299 .295 .290 .283 .274 .264
5.0 .287 .297 .305 .311 .315 .317 .317 .315 .310 .303 .296
6.0 .311 .321 .329 .335 .339 .341 .340 .337
7.0 .331 .340 .347 .353 .357
8.0 .345 .355

mief= .354 .359 .360 .359 .357 .353 .346 .338 .327 .315 .301 .285 .269 .252 .233 .213 .191 .166 .135 .099 .062

tetaf= 8.8 8.3 7.8 7.4 7.0 6.7 6.3 6.0 5.7 5.5 5.2 5.0 4.7 4.5 4.3 4.0 3.8 3.6 3.2 2.7 2.0

w=1.6 Valores de mi ni0= 2.31

teta=1.0 .078 .087 .095 .102 .108 .112 .114 .115 .113 .110 .107 .104 .102 .098 .095 .092 .089 .084 .078 .070 .060 .032
1.5 .115 .124 .132 .139 .146 .151 .155 .158 .160 .160 .158 .155 .151 .146 .141 .135 .127 .118 .107 .095 .080 .046
2.0 .152 .160 .168 .175 .181 .187 .191 .195 .197 .199 .199 .197 .194 .188 .179 .169 .157 .144 .130 .114 .097
2.5 .188 .195 .203 .209 .215 .220 .225 .228 .231 .231 .231 .228 .223 .216 .207 .196 .182 .167 .150 .132 .112
3.0 .223 .230 .236 .242 .247 .252 .256 .258 .259 .258 .256 .252 .246 .238 .228 .216 .202 .186 .167 .147
3.5 .253 .261 .268 .274 .278 .281 .283 .284 .283 .281 .277 .271 .264 .255 .245 .232 .218 .201 .183
4.0 .278 .288 .295 .301 .305 .307 .308 .306 .304 .300 .295 .288 .280 .270 .259 .246 .231
4.5 .300 .309 .317 .323 .326 .328 .328 .326 .323 .318 .311 .304 .294 .284
5.0 .318 .327 .334 .340 .344 .345 .345 .344 .340 .333 .326 .317
6.0 .346 .355 .362 .367 .370 .372 .372 .370
7.0 .368 .376 .382 .388 .391
8.0 .384 .392

mief= .392 .395 .395 .394 .392 .386 .380 .372 .362 .350 .336 .321 .305 .289 .271 .253 .232 .211 .187 .159 .124 .058

tetaf= 8.6 8.2 7.7 7.4 7.0 6.7 6.4 6.1 5.8 5.6 5.4 5.1 4.9 4.7 4.5 4.3 4.1 3.9 3.7 3.4 2.9 1.6

w=1.8 Valores de mi ni0= 2.47

teta=1.0 .085 .093 .101 .108 .113 .117 .120 .121 .120 .118 .115 .113 .110 .107 .104 .101 .098 .095 .091 .085 .078 .057 .028
1.5 .126 .134 .141 .148 .154 .159 .163 .167 .169 .169 .169 .167 .164 .160 .155 .150 .144 .136 .128 .117 .106 .077
2.0 .166 .174 .180 .187 .193 .198 .202 .206 .209 .211 .212 .211 .209 .205 .199 .191 .180 .169 .157 .143 .128 .094
2.5 .205 .212 .219 .225 .230 .235 .239 .243 .245 .247 .247 .245 .242 .237 .230 .221 .210 .196 .181 .165 .147 .109
3.0 .243 .250 .255 .261 .266 .270 .274 .276 .277 .277 .276 .272 .268 .261 .253 .243 .231 .218 .202 .184 .165
3.5 .276 .284 .291 .296 .300 .303 .305 .305 .305 .303 .300 .295 .289 .281 .272 .261 .249 .235 .219 .201 .181
4.0 .305 .314 .321 .326 .330 .332 .332 .331 .328 .325 .321 .315 .307 .299 .289 .277 .264 .250
4.5 .329 .338 .345 .350 .353 .355 .355 .353 .350 .345 .339 .332 .324 .314 .303
5.0 .349 .357 .364 .370 .373 .374 .374 .372 .369 .363 .356 .349 .339
6.0 .380 .388 .395 .399 .402 .404 .404 .402
7.0 .404 .411 .417 .422 .425
8.0 .422 .430

mief= .429 .430 .430 .429 .426 .420 .414 .406 .396 .385 .372 .357 .341 .325 .308 .291 .272 .252 .230 .207 .182 .112 .036

tetaf= 8.4 8.0 7.7 7.3 7.0 6.7 6.4 6.2 5.9 5.7 5.5 5.3 5.1 4.9 4.7 4.5 4.3 4.1 3.9 3.7 3.5 2.6 1.3

w=2.0 Valores de mi ni0= 2.64

teta=1.0 .092 .100 .107 .113 .119 .123 .126 .127 .127 .125 .123 .121 .118 .115 .113 .110 .107 .104 .102 .098 .092 .077 .053
1.5 .136 .144 .151 .157 .163 .168 .172 .175 .177 .179 .179 .178 .176 .172 .168 .164 .159 .153 .145 .137 .128 .103 .073
2.0 .180 .187 .193 .199 .205 .210 .214 .218 .220 .223 .224 .224 .223 .220 .216 .210 .202 .192 .181 .169 .156 .125 .090
2.5 .222 .229 .234 .240 .245 .250 .254 .257 .260 .262 .263 .262 .260 .256 .250 .243 .234 .223 .210 .195 .180 .145
3.0 .264 .269 .275 .280 .284 .288 .292 .294 .296 .296 .295 .292 .289 .283 .276 .268 .258 .247 .233 .218 .201 .163
3.5 .300 .307 .313 .318 .322 .324 .326 .327 .327 .325 .322 .318 .313 .306 .298 .289 .278 .266 .252 .236 .219
4.0 .332 .340 .346 .351 .354 .356 .357 .355 .353 .350 .346 .341 .334 .326 .317 .307 .295 .283 .268
4.5 .358 .366 .372 .377 .380 .382 .382 .381 .377 .373 .367 .361 .353 .344 .334 .323
5.0 .380 .387 .393 .399 .402 .403 .402 .401 .398 .393 .387 .379 .371 .361
6.0 .413 .421 .427 .431 .434 .436 .436 .434 .430
7.0 .440 .446 .452 .456 .460
8.0 .460

mief= .465 .466 .465 .463 .460 .454 .448 .440 .430 .419 .407 .393 .377 .361 .345 .328 .310 .291 .271 .250 .228 .172 .100

tetaf= 8.3 7.9 7.6 7.3 7.0 6.7 6.5 6.2 6.0 5.8 5.6 5.4 5.2 5.0 4.8 4.6 4.5 4.3 4.1 3.9 3.8 3.3 2.2

TABELA 17d

ACO CA-50B delta=0.10 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

ni0= 2.14

Valores de mi

w=1.4

teta=1.0	.071	.080	.089	.097	.103	.107	.108	.108	.105	.102	.099	.096	.093	.089	.086	.082	.077	.071	.062	.051	.037	
1.5	.105	.114	.123	.131	.137	.143	.147	.150	.150	.150	.147	.143	.138	.132	.125	.117	.108	.097	.083	.068	.050	
2.0	.138	.147	.155	.163	.170	.175	.180	.183	.186	.186	.185	.182	.177	.168	.158	.146	.132	.117	.100	.082		
2.5	.170	.179	.186	.194	.200	.205	.210	.214	.216	.216	.214	.210	.203	.194	.183	.168	.152	.134	.116	.095		
3.0	.202	.210	.217	.223	.229	.234	.238	.240	.240	.239	.236	.230	.223	.213	.201	.186	.169	.150	.129			
3.5	.228	.237	.245	.252	.257	.260	.262	.263	.261	.258	.254	.247	.239	.228	.215	.201	.183	.164				
4.0	.251	.261	.270	.276	.281	.283	.283	.282	.279	.275	.269	.261	.252	.241	.228	.212						
4.5	.270	.281	.289	.295	.300	.302	.302	.299	.295	.290	.283	.274	.264									
5.0	.287	.297	.305	.311	.315	.317	.317	.315	.310	.303	.296											
6.0	.311	.321	.329	.335	.339	.341	.340	.337														
7.0	.331	.340	.347	.353	.357																	
8.0	.345	.355																				
mief=	.354	.359	.360	.359	.357	.353	.346	.338	.327	.315	.301	.285	.269	.252	.233	.213	.191	.166	.135	.099	.062	
tetaf=	8.8	8.3	7.8	7.4	7.0	6.7	6.3	6.0	5.7	5.5	5.2	5.0	4.7	4.5	4.3	4.0	3.8	3.6	3.2	2.7	2.0	

ni0= 2.31

Valores de mi

w=1.6

teta=1.0	.078	.087	.095	.102	.108	.112	.114	.115	.113	.110	.107	.104	.102	.098	.095	.092	.089	.084	.078	.070	.060	.032
1.5	.115	.124	.132	.139	.146	.151	.155	.158	.160	.160	.158	.155	.151	.146	.141	.135	.127	.118	.107	.095	.080	.046
2.0	.152	.160	.168	.175	.181	.187	.191	.195	.197	.199	.199	.197	.194	.188	.179	.169	.157	.144	.130	.114	.097	
2.5	.188	.195	.203	.209	.215	.220	.225	.228	.231	.231	.231	.228	.223	.216	.207	.196	.182	.167	.150	.132	.112	
3.0	.223	.230	.236	.242	.247	.252	.256	.258	.259	.258	.256	.252	.246	.238	.228	.216	.202	.186	.167	.147		
3.5	.253	.261	.268	.274	.278	.281	.283	.284	.283	.281	.277	.271	.264	.255	.245	.232	.218	.201	.183			
4.0	.278	.288	.295	.301	.305	.307	.308	.306	.304	.300	.295	.288	.280	.270	.259	.246	.231					
4.5	.300	.309	.317	.323	.326	.328	.328	.326	.323	.318	.311	.304	.294	.284								
5.0	.318	.327	.334	.340	.344	.345	.345	.344	.340	.333	.326	.317										
6.0	.346	.355	.362	.367	.370	.372	.372	.370														
7.0	.368	.376	.382	.388	.391																	
8.0	.384	.392																				
mief=	.392	.395	.395	.394	.392	.386	.380	.372	.362	.350	.336	.321	.305	.289	.271	.253	.232	.211	.187	.159	.124	.050
tetaf=	8.6	8.2	7.7	7.4	7.0	6.7	6.4	6.1	5.8	5.6	5.4	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.4	2.9	1.6

ni0= 2.47

Valores de mi

w=1.8

teta=1.0	.085	.093	.101	.108	.113	.117	.120	.121	.120	.118	.115	.113	.110	.107	.104	.101	.098	.095	.091	.085	.078	.057	.028
1.5	.126	.134	.141	.148	.154	.159	.163	.167	.169	.169	.169	.167	.164	.160	.155	.150	.144	.136	.128	.117	.106	.077	
2.0	.166	.174	.180	.187	.193	.198	.202	.206	.209	.211	.212	.211	.209	.205	.199	.191	.180	.169	.157	.143	.128	.094	
2.5	.205	.212	.219	.225	.230	.235	.239	.243	.245	.247	.247	.245	.242	.237	.230	.221	.210	.196	.181	.165	.147	.109	
3.0	.243	.250	.255	.261	.266	.270	.274	.276	.277	.277	.276	.272	.268	.261	.253	.243	.231	.218	.202	.184	.165	
3.5	.276	.284	.291	.296	.300	.303	.305	.305	.305	.303	.300	.295	.289	.281	.272	.261	.249	.235	.219	.201	.181	
4.0	.305	.314	.321	.326	.330	.332	.332	.331	.328	.325	.321	.315	.307	.299	.289	.277	.264	.250				
4.5	.329	.338	.345	.350	.353	.355	.355	.353	.350	.345	.339	.332	.324	.314	.303							
5.0	.349	.357	.364	.370	.373	.374	.374	.372	.369	.363	.356	.349	.339									
6.0	.380	.388	.395	.399	.402	.404	.404	.402														
7.0	.404	.411	.417	.422	.425																	
8.0	.422	.430																				
mief=	.429	.430	.430	.429	.426	.420	.414	.406	.396	.385	.372	.357	.341	.325	.308	.291	.272	.252	.230	.207	.182	.112	.036
tetaf=	8.4	8.0	7.7	7.3	7.0	6.7	6.4	6.2	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.5	2.6	1.3

ni0= 2.64

Valores de mi

w=2.0

teta=1.0	.092	.100	.107	.113	.119	.123	.126	.127	.127	.125	.123	.121	.118	.115	.113	.110	.107	.104	.102	.098	.092	.077	.053
1.5	.136	.144	.151	.157	.163	.168	.172	.175	.177	.179	.179	.178	.176	.172	.168	.164	.159	.153	.145	.137	.128	.103	.073
2.0	.180	.187	.193	.199	.205	.210	.214	.218	.220	.223	.224	.224	.223	.220	.216	.210	.202	.192	.181	.169	.156	.125	.090
2.5	.222	.229	.234	.240	.245	.250	.254	.257	.260	.262	.263	.262	.260	.256	.250	.243	.234	.223	.210	.195	.180	.145	
3.0	.264	.269	.275	.280	.284	.288	.292	.294	.296	.296	.295	.292	.289	.283	.276	.268	.258	.247	.233	.218	.201	.163	
3.5	.300	.307	.313	.318	.322	.324	.326	.327	.327	.325	.322	.318	.313	.306	.298	.289	.278	.266	.252	.236	.219		
4.0	.332	.340	.346	.351	.354	.356	.357	.355	.353	.350	.346	.341	.334	.326	.317	.307	.295	.283	.268				
4.5	.358	.366	.372	.377	.380	.382	.382	.381	.377	.373	.367	.361	.353	.344	.334	.323							
5.0	.380	.387	.393	.399	.402	.403	.402	.401	.398	.393	.387	.379	.371	.361									
6.0	.413	.421	.427	.431	.434	.436	.436	.434	.430														
7.0	.440	.446	.452	.456	.460																		
8.0	.460																						
mief=	.465	.466	.465	.463	.460	.454	.448	.440	.430	.419	.407	.393	.377	.361	.345	.328	.310	.291	.271	.250	.228	.172	.100
tetaf=	8.3	7.9	7.6	7.3	7.0	6.7	6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.5	4.3	4.1	3.9	3.8	3.3	2.3

TABELA 18a

ACO CA-50B delta=0.15 n'= 10 ni= 2

```
      ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40
w=0.1                                                   Valores de mi                                                  ni0= 1.08
 teta=1.0 .009 .037 .055 .065 .066 .062 .056 .050 .042 .033 .020
      1.5 .014 .043 .064 .079 .087 .088 .082 .072 .060 .045 .025
      2.0 .018 .048 .071 .088 .099 .103 .100 .090 .073 .053 .028
      2.5 .023 .052 .076 .095 .107 .113 .111 .101 .083 .059
      3.0 .026 .056 .081 .100 .113 .119 .118 .107 .089 .063
      3.5 .028 .060 .085 .105 .118 .124 .122 .111 .093
      4.0 .031 .063 .089 .109 .121 .127 .124 .114
      4.5 .032 .065 .092 .112 .124 .129 .127
      5.0 .034 .067 .094 .114 .127 .131 .128
      6.0 .037 .070 .098 .118 .130
      7.0 .038 .073 .100 .120 .132
      8.0 .040 .075 .102 .122
    mief= .043 .079 .105 .123 .132 .134 .128 .116 .095 .065 .030
   tetaf= 14.0 15.7 11.4  8.7  7.1  5.9  5.0  4.4  3.8  3.3  2.2
w=0.2                                                   Valores de mi                                                  ni0= 1.16
 teta=1.0 .016 .040 .057 .066 .069 .066 .060 .055 .048 .041 .032 .017
      1.5 .023 .048 .067 .081 .089 .092 .088 .080 .070 .058 .042 .021
      2.0 .031 .055 .076 .091 .102 .107 .107 .100 .087 .070 .049
      2.5 .038 .063 .083 .100 .112 .118 .119 .112 .099 .078 .054
      3.0 .045 .070 .090 .107 .119 .126 .126 .119 .106 .085 .058
      3.5 .049 .076 .097 .113 .125 .131 .131 .124 .111 .090
      4.0 .054 .080 .102 .119 .130 .135 .135 .128 .114
      4.5 .057 .084 .107 .124 .134 .139 .138 .130
      5.0 .060 .088 .110 .127 .138 .142 .140
      6.0 .065 .093 .116 .132 .143 .146
      7.0 .069 .097 .120 .136 .146
      8.0 .072 .100 .123 .139
    mief= .078 .107 .127 .140 .146 .147 .141 .131 .115 .091 .059 .023
   tetaf= 15.3 13.1 10.2  8.4  7.1  6.1  5.3  4.7  4.1  3.7  3.0  1.9
w=0.3                                                   Valores de mi                                                  ni0= 1.25
 teta=1.0 .021 .042 .058 .068 .072 .069 .064 .059 .053 .047 .040 .030 .013
      1.5 .031 .053 .070 .083 .092 .095 .093 .087 .078 .068 .055 .039 .017
      2.0 .042 .063 .081 .095 .105 .111 .112 .108 .098 .084 .066 .045
      2.5 .052 .072 .090 .105 .116 .123 .125 .122 .112 .095 .074 .050
      3.0 .060 .081 .099 .114 .125 .132 .134 .130 .120 .103 .081
      3.5 .067 .089 .108 .122 .133 .139 .140 .135 .125 .109 .086
      4.0 .073 .096 .115 .129 .139 .144 .144 .139 .129
      4.5 .078 .101 .121 .135 .145 .149 .148 .143
      5.0 .082 .106 .125 .140 .149 .153 .152
      6.0 .089 .113 .133 .147 .155 .159
      7.0 .095 .119 .138 .152 .160
      8.0 .099 .123 .142 .155
    mief= .108 .130 .146 .156 .160 .160 .155 .145 .132 .112 .087 .053 .017
   tetaf= 14.5 11.5  9.5  8.1  7.0  6.2  5.5  4.9  4.4  3.9  3.6  2.8  1.5
w=0.4                                                   Valores de mi                                                  ni0= 1.33
 teta=1.0 .026 .045 .060 .069 .074 .073 .068 .063 .058 .053 .046 .039 .027 .010
      1.5 .038 .057 .074 .086 .094 .098 .098 .093 .085 .076 .066 .053 .035
      2.0 .051 .069 .086 .099 .109 .115 .117 .115 .108 .096 .080 .062 .041
      2.5 .063 .081 .097 .111 .121 .128 .131 .130 .123 .110 .091 .070
      3.0 .074 .092 .108 .121 .131 .138 .141 .139 .131 .119 .100 .077
      3.5 .083 .102 .118 .131 .140 .146 .148 .145 .138 .125 .107
      4.0 .090 .110 .127 .139 .148 .153 .154 .150 .142 .129
      4.5 .096 .117 .134 .146 .155 .159 .159 .155 .146
      5.0 .102 .123 .140 .152 .160 .164 .163 .158
      6.0 .111 .132 .148 .161 .168 .171
      7.0 .118 .138 .155 .167 .174
      8.0 .123 .144 .160
    mief= .133 .151 .164 .171 .174 .173 .168 .159 .147 .131 .110 .081 .046 .011
   tetaf= 12.7 10.6  9.1  7.9  7.0  6.3  5.7  5.1  4.6  4.2  3.8  3.4  2.5  1.1
```

TABELA 18b

ACO CA-50B delta=0.15 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

Valores de mi — ni0= 1.41

w=0.5

teta=1.0 .030 .048 .061 .071 .076 .076 .072 .067 .063 .058 .052 .046 .037 .025
1.5 .045 .062 .077 .089 .097 .101 .102 .099 .092 .084 .075 .064 .050 .032
2.0 .059 .076 .091 .103 .113 .119 .122 .122 .117 .107 .093 .078 .059 .038
2.5 .073 .089 .104 .116 .126 .133 .137 .137 .132 .122 .107 .088 .067
3.0 .086 .102 .116 .128 .138 .144 .148 .147 .142 .132 .117 .097 .073
3.5 .097 .114 .128 .139 .148 .154 .156 .155 .149 .139 .124 .104
4.0 .106 .123 .138 .149 .157 .162 .163 .161 .154 .144 .129
4.5 .113 .131 .146 .158 .165 .169 .169 .166 .159
5.0 .120 .138 .153 .164 .172 .175 .174 .170
6.0 .130 .149 .164 .174 .181 .184
7.0 .138 .157 .171 .182 .188
8.0 .144 .163 .177
mief= .155 .170 .181 .186 .188 .187 .181 .173 .162 .147 .129 .106 .075 .040 .004
tetaf= 11.5 10.0 8.8 7.8 7.0 6.4 5.8 5.3 4.8 4.4 4.0 3.7 3.1 2.2 0.6

Valores de mi — ni0= 1.49

w=0.6

teta=1.0 .034 .050 .063 .073 .078 .079 .075 .071 .067 .062 .057 .052 .045 .036 .022
1.5 .051 .066 .080 .091 .099 .104 .106 .104 .098 .091 .083 .074 .062 .047 .029
2.0 .067 .082 .096 .107 .116 .123 .126 .127 .124 .117 .105 .091 .075 .056
2.5 .082 .097 .110 .122 .131 .138 .142 .143 .140 .133 .121 .104 .085 .063
3.0 .097 .112 .124 .135 .144 .151 .154 .155 .151 .143 .131 .115 .094
3.5 .110 .125 .137 .148 .156 .162 .164 .163 .159 .151 .139 .122 .101
4.0 .120 .136 .149 .159 .167 .171 .172 .171 .165 .157 .145
4.5 .129 .145 .159 .169 .176 .179 .179 .177 .171 .162
5.0 .136 .153 .166 .177 .183 .186 .185 .182 .176
6.0 .148 .165 .178 .188 .194 .197
7.0 .158 .174 .187 .196 .202
8.0 .165 .181 .194
mief= .176 .189 .197 .201 .203 .201 .195 .186 .176 .163 .147 .127 .102 .069 .034
tetaf= 10.8 9.5 8.5 7.7 7.0 6.4 5.9 5.5 5.0 4.6 4.2 3.9 3.6 2.9 2.0

Valores de mi — ni0= 1.57

w=0.7

teta=1.0 .038 .053 .065 .074 .080 .081 .079 .075 .071 .066 .062 .057 .051 .044 .034 .019
1.5 .056 .071 .083 .094 .102 .107 .110 .109 .104 .098 .091 .083 .072 .060 .044 .026
2.0 .074 .088 .100 .111 .120 .127 .131 .132 .130 .125 .116 .103 .089 .072 .053
2.5 .091 .104 .117 .127 .136 .143 .147 .149 .148 .142 .133 .119 .101 .082 .060
3.0 .108 .121 .132 .142 .151 .157 .161 .162 .160 .154 .144 .130 .112 .091
3.5 .122 .135 .147 .156 .164 .169 .172 .172 .169 .162 .152 .138 .120
4.0 .133 .148 .160 .169 .176 .180 .181 .180 .176 .169 .158 .145
4.5 .143 .158 .171 .180 .186 .189 .190 .187 .182 .175
5.0 .152 .167 .179 .189 .194 .197 .197 .194 .188
6.0 .165 .181 .193 .202 .207 .210 .209
7.0 .176 .191 .202 .211 .216
8.0 .184 .199 .210
mief= .195 .206 .213 .216 .217 .214 .209 .200 .190 .178 .163 .146 .124 .097 .063 .028
tetaf= 10.3 9.2 8.4 7.7 7.0 6.5 6.0 5.6 5.2 4.8 4.4 4.1 3.8 3.4 2.7 1.7

Valores de mi — ni0= 1.65

w=0.8

teta=1.0 .041 .055 .067 .076 .081 .084 .082 .078 .075 .070 .066 .062 .057 .051 .043 .031 .016
1.5 .061 .075 .087 .097 .105 .110 .113 .113 .110 .104 .098 .090 .082 .071 .058 .042
2.0 .081 .094 .105 .116 .124 .131 .135 .137 .136 .132 .125 .114 .101 .086 .069 .050
2.5 .099 .112 .123 .133 .141 .148 .153 .155 .154 .151 .143 .132 .116 .099 .079
3.0 .118 .129 .140 .149 .157 .163 .168 .169 .168 .163 .155 .144 .129 .109 .088
3.5 .133 .146 .156 .165 .172 .177 .180 .180 .178 .173 .164 .152 .137 .118
4.0 .146 .160 .170 .179 .185 .189 .191 .190 .187 .180 .171 .160
4.5 .158 .171 .182 .191 .197 .200 .200 .198 .194 .187 .178
5.0 .167 .181 .192 .201 .206 .209 .208 .205 .200
6.0 .182 .196 .207 .215 .220 .222 .222
7.0 .194 .207 .218 .226 .230
8.0 .203 .216 .226
ief= .214 .223 .228 .231 .231 .228 .223 .214 .204 .192 .179 .163 .144 .121 .091 .057 .022
f= 9.9 9.0 8.2 7.6 7.0 6.5 6.1 5.7 5.3 4.9 4.6 4.3 4.0 3.7 3.2 2.5 1.5

TABELA 18c

ACO CA-50B delta=0.15 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=0.9 Valores de mi ni0= 1.74

teta=1.0	.045	.058	.069	.077	.083	.086	.085	.082	.078	.074	.070	.066	.062	.057	.050	.042	.029	.014			
1.5	.066	.079	.090	.100	.108	.113	.116	.117	.115	.110	.104	.097	.090	.081	.069	.055	.039				
2.0	.087	.099	.110	.120	.128	.134	.139	.141	.141	.139	.133	.124	.113	.099	.084	.067	.047				
2.5	.108	.119	.129	.139	.147	.153	.158	.161	.161	.158	.153	.143	.130	.114	.096	.076					
3.0	.127	.138	.148	.156	.164	.170	.174	.176	.176	.172	.166	.156	.143	.127	.107	.085					
3.5	.144	.156	.165	.173	.180	.185	.188	.189	.187	.183	.176	.166	.152	.136	.116						
4.0	.159	.171	.181	.189	.195	.198	.200	.199	.197	.191	.184	.173	.160								
4.5	.171	.183	.194	.202	.207	.210	.210	.209	.205	.199	.191										
5.0	.181	.194	.205	.212	.217	.220	.219	.217	.212	.206											
6.0	.198	.211	.221	.228	.233	.235	.235														
7.0	.211	.223	.233	.240	.245																
8.0	.220	.233	.242																		
mief=	.231	.239	.243	.245	.245	.242	.236	.228	.218	.207	.194	.179	.162	.141	.117	.086	.051	.015			
tetaf=	9.5	8.8	8.1	7.5	7.0	6.6	6.1	5.8	5.4	5.1	4.7	4.4	4.1	3.8	3.6	3.0	2.3	1.1			

w=1.0 Valores de mi ni0= 1.82

teta=1.0	.048	.060	.071	.079	.085	.088	.088	.085	.082	.078	.074	.070	.066	.062	.057	.050	.040	.027			
1.5	.071	.083	.094	.103	.110	.116	.119	.121	.119	.116	.110	.104	.097	.089	.080	.068	.053	.036			
2.0	.094	.105	.115	.124	.132	.138	.143	.146	.146	.145	.141	.134	.123	.111	.097	.082	.064	.045			
2.5	.115	.126	.136	.144	.152	.158	.163	.166	.167	.166	.161	.154	.143	.128	.112	.093	.074				
3.0	.136	.146	.155	.164	.171	.176	.181	.183	.183	.181	.175	.167	.156	.142	.124	.104					
3.5	.155	.166	.174	.182	.188	.193	.196	.197	.196	.192	.186	.178	.166	.152	.135						
4.0	.171	.182	.191	.199	.204	.207	.209	.209	.207	.202	.195	.186	.174	.160							
4.5	.184	.196	.205	.213	.218	.220	.221	.219	.216	.210	.203	.193									
5.0	.195	.207	.217	.224	.229	.231	.231	.229	.224	.218											
6.0	.214	.225	.235	.242	.246	.248	.248														
7.0	.227	.239	.248	.255	.259																
8.0	.238	.249	.258																		
mief=	.248	.255	.258	.260	.259	.256	.250	.242	.232	.221	.208	.195	.179	.160	.139	.114	.080	.045	.000		
tetaf=	9.3	8.6	8.0	7.5	7.0	6.6	6.2	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.5	2.8	2.0	0.7		

w=1.1 Valores de mi ni0= 1.90

teta=1.0	.051	.063	.073	.081	.087	.090	.091	.088	.085	.082	.078	.074	.071	.067	.062	.057	.049	.038	.024		
1.5	.076	.087	.097	.106	.113	.119	.122	.124	.124	.121	.116	.110	.104	.097	.089	.078	.066	.051	.033		
2.0	.100	.110	.120	.129	.136	.142	.147	.150	.151	.151	.148	.142	.133	.122	.109	.095	.079	.061			
2.5	.123	.133	.142	.150	.158	.164	.168	.172	.173	.172	.169	.163	.154	.142	.126	.109	.091	.071			
3.0	.145	.155	.163	.171	.177	.183	.187	.190	.190	.189	.184	.178	.168	.156	.141	.122	.102				
3.5	.165	.175	.183	.190	.196	.201	.204	.205	.204	.202	.196	.189	.179	.167	.151	.133					
4.0	.183	.193	.201	.208	.213	.217	.218	.218	.216	.212	.206	.198	.188	.175							
4.5	.197	.208	.217	.224	.228	.231	.231	.230	.227	.222	.215	.206									
5.0	.209	.220	.229	.236	.240	.243	.242	.240	.236	.230	.223										
6.0	.229	.240	.249	.255	.259	.261	.260														
7.0	.244	.254	.263	.269	.273																
8.0	.255	.266																			
mief=	.265	.270	.273	.274	.273	.270	.264	.256	.246	.235	.223	.210	.195	.178	.158	.136	.108	.074	.039		
tetaf=	9.1	8.5	7.9	7.5	7.0	6.6	6.3	5.9	5.6	5.3	5.0	4.7	4.4	4.2	3.9	3.7	3.3	2.6	1.8		

w=1.2 Valores de mi ni0= 1.98

teta=1.0	.054	.065	.075	.083	.089	.092	.093	.092	.088	.085	.082	.078	.075	.071	.067	.062	.056	.047	.036	.022	
1.5	.080	.091	.100	.109	.116	.122	.125	.127	.128	.126	.121	.116	.111	.104	.097	.088	.077	.064	.048	.031	
2.0	.106	.116	.125	.133	.140	.146	.151	.154	.156	.156	.154	.149	.142	.132	.121	.108	.093	.077	.059		
2.5	.130	.140	.148	.156	.163	.169	.174	.177	.179	.179	.177	.172	.164	.154	.140	.124	.107	.089			
3.0	.154	.163	.171	.178	.184	.190	.194	.197	.198	.197	.193	.187	.179	.169	.155	.139	.120	.099			
3.5	.176	.185	.192	.199	.204	.209	.212	.213	.213	.211	.206	.200	.191	.180	.166	.150	.131				
4.0	.194	.203	.212	.218	.223	.226	.228	.228	.226	.223	.217	.210	.201	.189	.175						
4.5	.209	.220	.228	.235	.239	.241	.242	.240	.238	.233	.227	.219	.209								
5.0	.223	.233	.242	.248	.252	.254	.254	.252	.248	.243	.236										
6.0	.244	.254	.262	.268	.272	.274	.273														
7.0	.260	.269	.277	.283	.287																
8.0	.272	.282																			
mief=	.281	.286	.288	.288	.287	.284	.278	.270	.261	.250	.238	.225	.210	.195	.176	.156	.133	.102	.068	.033	
tetaf=	8.9	8.4	7.9	7.4	7.0	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.6	4.3	4.1	3.8	3.6	3.1	2.5	1.6	

TABELA 18d

ACO CA-50B delta=0.15 n'= 10 ni= 2

ni= 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.20 2.40

w=1.4 Valores de mi ni0= 2.14

teta=1.0	.060	.070	.079	.087	.092	.096	.098	.097	.095	.092	.089	.086	.082	.079	.076	.072	.068	.062	.055	.044	.032	
1.5	.089	.099	.107	.115	.122	.127	.131	.134	.135	.134	.132	.127	.122	.117	.111	.104	.096	.086	.074	.060	.043	
2.0	.117	.126	.135	.142	.149	.155	.159	.163	.165	.166	.165	.163	.158	.151	.141	.130	.118	.104	.089	.072	.054	
2.5	.145	.153	.161	.168	.174	.180	.184	.188	.190	.191	.190	.187	.182	.175	.164	.152	.137	.120	.103	.084		
3.0	.171	.179	.186	.192	.198	.203	.207	.210	.212	.212	.210	.206	.199	.191	.181	.168	.153	.135	.116			
3.5	.195	.203	.210	.216	.221	.225	.228	.230	.230	.228	.225	.220	.213	.204	.193	.181	.165	.148				
4.0	.216	.225	.232	.238	.242	.245	.246	.247	.245	.243	.238	.232	.225	.215	.204	.191						
4.5	.234	.243	.250	.256	.260	.262	.263	.261	.259	.255	.250	.243	.235	.225								
5.0	.249	.258	.266	.271	.275	.277	.277	.275	.272	.267	.261	.253										
6.0	.273	.282	.209	.295	.298	.300	.299	.297														
7.0	.291	.299	.307	.312	.315																	
8.0	.305	.314																				
mief=	.313	.316	.317	.317	.315	.312	.306	.298	.289	.278	.267	.254	.241	.226	.210	.193	.173	.151	.124	.090	.056	
tetaf=	8.7	8.2	7.8	7.4	7.0	6.7	6.4	6.1	5.8	5.6	5.3	5.1	4.8	4.6	4.3	4.1	3.9	3.7	3.4	2.8	2.1	

w=1.6 Valores de mi ni0= 2.31

teta=1.0	.066	.075	.083	.090	.096	.100	.102	.103	.101	.098	.096	.093	.090	.087	.084	.080	.077	.073	.068	.061	.052	.027
1.5	.098	.106	.114	.122	.128	.133	.138	.140	.142	.142	.141	.138	.133	.129	.124	.118	.112	.104	.094	.083	.070	.039
2.0	.129	.137	.144	.151	.158	.163	.168	.171	.174	.175	.175	.174	.171	.167	.160	.150	.140	.128	.115	.101	.085	
2.5	.158	.166	.173	.180	.185	.191	.195	.199	.201	.203	.203	.202	.198	.193	.185	.175	.163	.149	.133	.117	.099	
3.0	.187	.194	.201	.207	.212	.217	.221	.224	.226	.226	.225	.222	.218	.212	.203	.193	.181	.166	.149	.131	.112	
3.5	.215	.221	.227	.232	.237	.241	.244	.246	.247	.246	.243	.239	.234	.227	.218	.207	.195	.180	.163	.144		
4.0	.238	.245	.252	.257	.261	.264	.265	.266	.265	.262	.259	.254	.247	.240	.230	.219	.206					
4.5	.258	.266	.273	.278	.282	.283	.284	.283	.280	.277	.273	.267	.260	.251	.241							
5.0	.274	.283	.290	.295	.298	.300	.300	.298	.295	.291	.285	.278	.270									
6.0	.301	.310	.316	.321	.324	.326	.325	.323														
7.0	.321	.329	.336	.340	.343																	
8.0	.337	.345																				
mief=	.344	.346	.346	.346	.343	.340	.334	.327	.318	.307	.295	.283	.270	.257	.242	.226	.209	.190	.169	.145	.112	.044
tetaf=	8.5	8.1	7.7	7.3	7.0	6.7	6.4	6.2	5.9	5.7	5.5	5.2	5.0	4.8	4.6	4.3	4.1	3.9	3.7	3.5	3.0	1.7

w=1.8 Valores de mi ni0= 2.47

teta=1.0	.072	.080	.088	.094	.100	.104	.107	.108	.107	.105	.102	.099	.097	.094	.091	.088	.085	.082	.078	.074	.068	.049	.023
1.5	.106	.114	.121	.128	.134	.139	.144	.147	.149	.149	.149	.147	.144	.140	.135	.131	.125	.119	.112	.103	.092	.066	
2.0	.140	.147	.154	.160	.166	.171	.176	.180	.182	.184	.185	.185	.183	.180	.175	.168	.159	.149	.138	.126	.112	.081	
2.5	.172	.179	.185	.191	.197	.202	.206	.209	.212	.214	.215	.215	.213	.209	.203	.196	.186	.174	.161	.146	.130	.095	
3.0	.203	.210	.216	.221	.226	.230	.234	.237	.240	.241	.240	.238	.235	.230	.224	.215	.205	.193	.180	.164	.146	
3.5	.233	.239	.245	.249	.254	.258	.261	.262	.263	.263	.261	.258	.253	.247	.240	.231	.221	.209	.194	.179	.161	
4.0	.259	.266	.272	.276	.280	.282	.284	.284	.284	.282	.279	.275	.269	.262	.254	.245	.234	.221				
4.5	.281	.289	.295	.300	.303	.304	.305	.304	.302	.299	.295	.289	.283	.276	.267	.256						
5.0	.300	.308	.314	.318	.321	.323	.323	.321	.318	.314	.309	.303	.296									
6.0	.329	.337	.343	.347	.350	.351	.351	.349	.346													
7.0	.351	.359	.364	.369	.371																	
8.0	.369																					
mief=	.374	.375	.375	.374	.371	.367	.362	.355	.346	.336	.324	.312	.300	.287	.273	.258	.242	.225	.206	.186	.163	.101	.031
tetaf=	8.3	7.9	7.6	7.3	7.0	6.7	6.5	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	2.7	1.4

w=2.0 Valores de mi ni0= 2.64

teta=1.0	.077	.085	.092	.098	.104	.108	.111	.112	.112	.111	.108	.106	.103	.101	.098	.095	.093	.090	.087	.084	.079	.066	.045
1.5	.114	.122	.128	.135	.141	.146	.150	.153	.155	.156	.157	.156	.153	.150	.146	.142	.138	.132	.126	.119	.111	.090	.062
2.0	.150	.157	.164	.170	.175	.180	.184	.188	.191	.193	.194	.195	.194	.192	.189	.184	.177	.169	.159	.148	.136	.109	.077
2.5	.185	.192	.198	.203	.208	.213	.217	.220	.223	.226	.227	.227	.226	.224	.219	.214	.206	.197	.186	.172	.158	.127	
3.0	.219	.225	.230	.235	.240	.244	.248	.251	.253	.255	.255	.254	.251	.248	.242	.236	.227	.218	.206	.193	.178	.143	
3.5	.252	.257	.262	.266	.270	.274	.277	.279	.280	.280	.278	.276	.272	.267	.261	.254	.245	.234	.222	.209	.194		
4.0	.280	.286	.292	.296	.299	.301	.303	.303	.303	.301	.298	.295	.290	.284	.277	.269	.259	.248	.236	.222			
4.5	.304	.311	.317	.321	.324	.326	.326	.325	.323	.320	.317	.312	.306	.299	.292	.282	.272						
5.0	.325	.332	.338	.342	.344	.346	.346	.344	.342	.338	.333	.327	.321	.313									
6.0	.357	.364	.369	.373	.376	.377	.377	.375	.372														
7.0	.381	.388	.393	.397	.399																		
8.0	.401																						
mief=	.404	.404	.404	.402	.399	.395	.390	.383	.374	.365	.353	.341	.329	.316	.303	.288	.274	.258	.241	.222	.203	.156	.090
tetaf=	8.2	7.9	7.6	7.3	7.0	6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.6	4.4	4.2	4.0	3.8	3.4	2.4