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TABELAS MOMENTO-CURVATURA
SEÇÃO CIRCULAR

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TABELAS MOMENTO-CURVATURA - SEÇÃO CIRCULAR

Lauro Modesto dos Santos

Resumo

Apresentam-se tabelas momento-curvatura para seções circulares sob flexo-compressão. Considera-se a armadura distribuída uniformemente ao longo do perímetro da seção (respeitado o cobrimento d').

Abstract

Moment-curvature tables are presented for circular sections under compression and bending. Distributed reinforcement is considered.

1. INTRODUÇÃO.

As tabelas que se apresentam neste trabalho correspondem à interação força normal-momento fletor-curvatura relativa à seção circular, sob flexo-compressão, com armadura uniformemente distribuída ao longo do perímetro (respeitado o cobrimento d' , naturalmente).

O programa feito é bastante geral, servindo até mesmo para a armadura assimétrica, desde que distribuída em todo o perímetro da seção, ou composta por barras de diversas bitolas (bastando, em tais casos excepcionais, fazer uma leve adaptação 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 [1].

Trabalhos análogos foram desenvolvidos para a seção retangular [3], [4].

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;

r = raio da seção circular;

h = altura da seção circular = $2r$;

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

n = n_{tot} = número total de barras da armadura;

f_{ck} = resistência característica do concreto;

f_{yk} = resistência característica do aço;

r_c = raio de curvatura;

γ_c = coeficiente de minoração da resistência do concreto;

γ_s = coeficiente de minoração da resistência do aço;

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

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

$\delta = d' / h$

$\theta = 1000 \cdot h / r_c$

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

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

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

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.

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_0 , 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 w de 0,1 até 2,0; a curvatura θ , de 1,0 a 8,0.

Nas colunas de seção circular da prática, a armadura é sempre distribuída uniformemente ao longo do perímetro, mantido o cobrimento d' . Dificilmente, porém, o engenheiro controlará a posição dessa

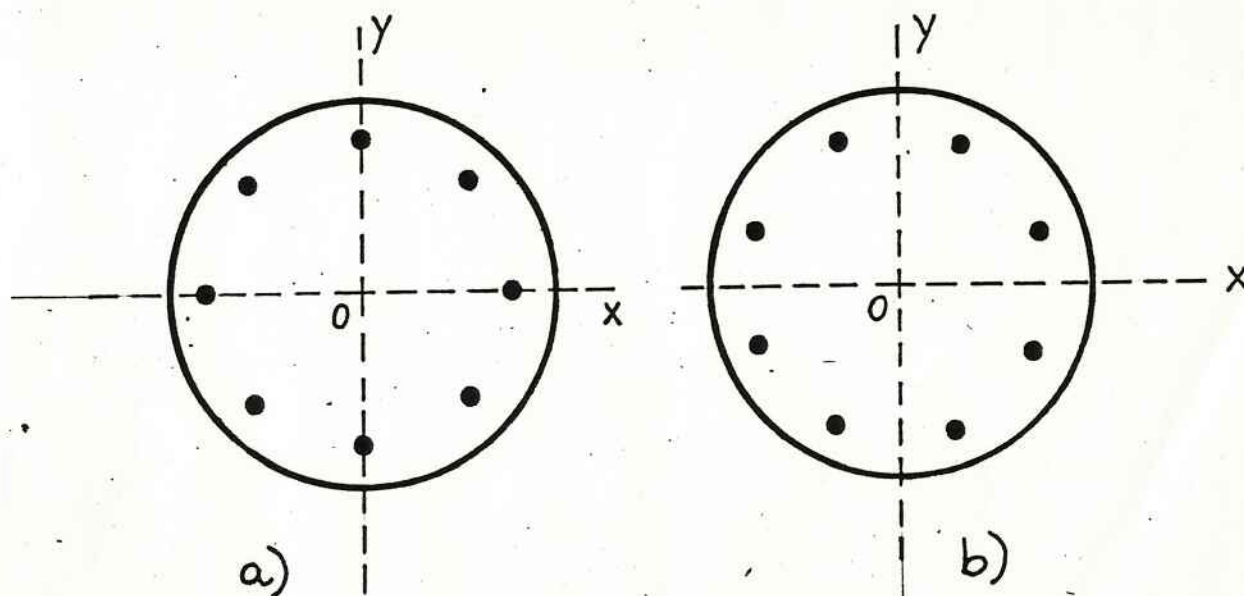


Fig. 1

armadura em relação ao plano do momento fletor considerado, mesmo porque esse plano se altera com a variação do carregamento na estrutura. Supondo que OY (fig.1) seja o traço do plano do momento na se-

The first part of the theory is the theory of the origin of the earth. It is a theory which is based on the fact that the earth is a sphere. The second part of the theory is the theory of the origin of the atmosphere. It is a theory which is based on the fact that the atmosphere is a gas. The third part of the theory is the theory of the origin of the water. It is a theory which is based on the fact that the water is a liquid. The fourth part of the theory is the theory of the origin of the life. It is a theory which is based on the fact that the life is a living being. The fifth part of the theory is the theory of the origin of the human race. It is a theory which is based on the fact that the human race is a species of the animal kingdom. The sixth part of the theory is the theory of the origin of the human mind. It is a theory which is based on the fact that the human mind is a product of the human brain. The seventh part of the theory is the theory of the origin of the human culture. It is a theory which is based on the fact that the human culture is a product of the human mind. The eighth part of the theory is the theory of the origin of the human civilization. It is a theory which is based on the fact that the human civilization is a product of the human culture. The ninth part of the theory is the theory of the origin of the human progress. It is a theory which is based on the fact that the human progress is a product of the human civilization. The tenth part of the theory is the theory of the origin of the human future. It is a theory which is based on the fact that the human future is a product of the human progress.



Fig. 1

Fig. 2

The theory of the origin of the earth is a theory which is based on the fact that the earth is a sphere. The theory of the origin of the atmosphere is a theory which is based on the fact that the atmosphere is a gas. The theory of the origin of the water is a theory which is based on the fact that the water is a liquid. The theory of the origin of the life is a theory which is based on the fact that the life is a living being. The theory of the origin of the human race is a theory which is based on the fact that the human race is a species of the animal kingdom. The theory of the origin of the human mind is a theory which is based on the fact that the human mind is a product of the human brain. The theory of the origin of the human culture is a theory which is based on the fact that the human culture is a product of the human mind. The theory of the origin of the human civilization is a theory which is based on the fact that the human civilization is a product of the human culture. The theory of the origin of the human progress is a theory which is based on the fact that the human progress is a product of the human civilization. The theory of the origin of the human future is a theory which is based on the fact that the human future is a product of the human progress.

ção, as posições das barras variam do arranjo da fig. 1a) ao arranjo da fig. 1b). Em [2], o Autor comenta resultados de sua pesquisa a respeito, mostrando que as diferenças de resultados não são significativas, como era de se esperar.

Ainda mais, as tabelas geradas pelo nosso programa mostraram que os resultados pouco diferem entre si quando se muda o número total de barras da seção. Explicando melhor, dada a seção circular, e fixada a taxa de armadura, a capacidade resistente da seção é praticamente indiferente ao número de barras (de determinada bitola) colocadas

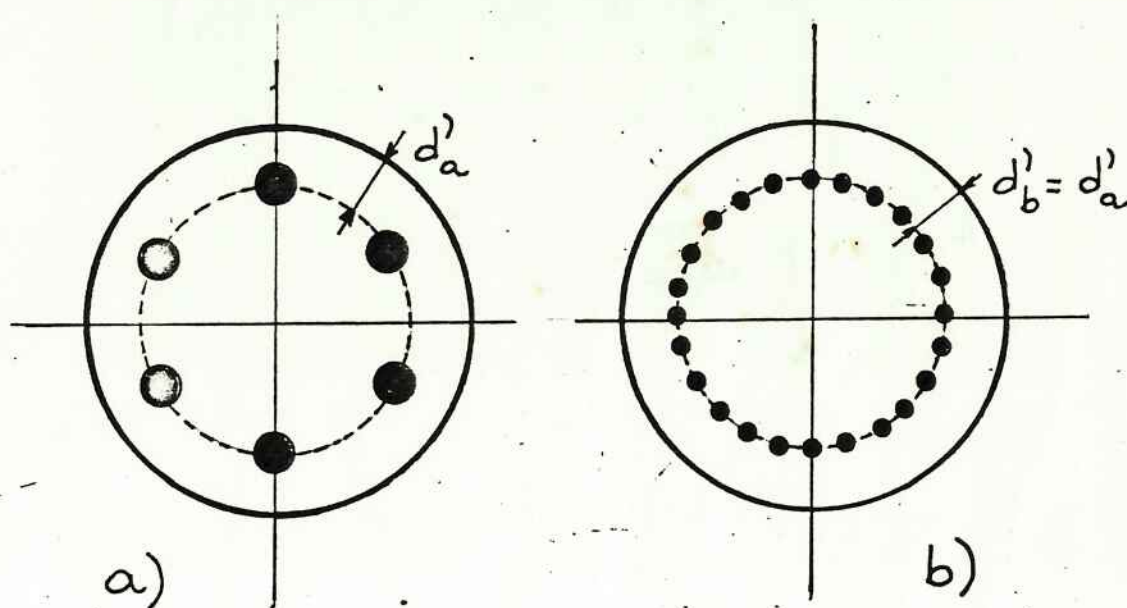


Fig. 2

para se obter a área A_s escolhida. Por exemplo, na figura 2a), a área total de aço $A_s = 30 \text{ cm}^2$ é realizada com 6 $\Phi 25$, e na fig. 2b) com 24 $\Phi 12,5$. A capacidade resistente da primeira não é muito diferente daquela da segunda. Ela é bem mais sensível à variação do "cobrimento relativo" δ .

Tendo em vista o exposto, apresentam-se tabelas apenas para

$$n_{\text{tot}} = 6 \text{ e } n_{\text{tot}} = 20.$$

O engenheiro poderá usar o número que lhe for mais conveniente, ou, caso prefira, interpolar entre os valores correspondentes a $n_{\text{tot}} = 6$ e $n_{\text{tot}} = 20$, mantendo os mesmos valores correspondentes a $n_{\text{tot}} = 20$ para qualquer valor $n_{\text{tot}} > 20$.

As tabelas são dispostas na seguinte ordem:

Tabela	Aço	δ	n_{tot}
1	CA-50A	0,05	6
2	CA-50A	0,10	6
3	CA-50A	0,15	6
4	CA-50A	0,05	20
5	CA-50A	0,10	20
6	CA-50A	0,15	20
7	CA-50B	0,05	6
8	CA-50B	0,10	6
9	CA-50B	0,15	6
10	CA-50B	0,05	20
11	CA-50B	0,10	20
12	CA-50B	0,15	20

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[3] SANTOS, Lauro Modesto - *Esforços resistentes do concreto - Seção retangular* - Boletim Técnico BT/PEF-8814, Departamento de Engenharia de Estruturas e Fundações, Escola Politécnica da Universidade de São Paulo - 1988.

[4] SANTOS, Lauro Modesto - *Tabelas momento-curvatura - Seção retangular* - Boletim Técnico BT/PEF-8815, Departamento de Engenharia de Estruturas e Fundações, Escola Politécnica da Universidade de São Paulo - 1988.

TABELA 1a

ACO CA-50A delta=0.05 ntot= 6

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 ni ni0= 1.10

teta=1.0	.010	.034	.047	.053	.053	.050	.045	.041	.035	.029	.020
1.5	.016	.040	.057	.068	.072	.072	.067	.059	.051	.041	.026
2.0	.021	.046	.065	.078	.085	.087	.084	.076	.065	.050	.030
2.5	.026	.051	.071	.085	.094	.098	.096	.088	.074	.056	
3.0	.030	.056	.077	.092	.102	.106	.104	.096	.081	.060	
3.5	.033	.061	.082	.097	.107	.112	.109	.101	.086	.063	
4.0	.036	.064	.086	.102	.112	.116	.113	.105	.089		
4.5	.037	.067	.089	.107	.116	.119	.117	.107			
5.0	.037	.069	.092	.109	.119	.122	.119				
6.0	.038	.071	.097	.113	.123						
7.0	.038	.071	.098	.116							
8.0	.039	.072	.098	.117							

mief= .041 .074 .099 .117 .125 .126 .120 .107 .089 .063 .032

tetaf= 12.7 14.2 10.4 8.1 6.8 5.8 5.1 4.5 4.0 3.6 2.5

w=0.2 Valores de ni ni0= 1.19

teta=1.0	.018	.039	.052	.058	.059	.056	.052	.047	.043	.037	.031	.022
1.5	.028	.048	.064	.074	.079	.080	.076	.070	.062	.054	.044	.029
2.0	.037	.058	.074	.086	.094	.097	.095	.090	.080	.068	.053	.032
2.5	.046	.066	.084	.097	.105	.110	.110	.105	.094	.078	.059	
3.0	.054	.075	.092	.106	.115	.120	.120	.114	.103	.087	.063	
3.5	.060	.083	.101	.114	.123	.128	.127	.121	.109	.091		
4.0	.065	.088	.108	.122	.131	.134	.133	.126	.113			
4.5	.070	.093	.113	.129	.137	.139	.137	.131				
5.0	.070	.098	.117	.133	.142	.144	.142					
6.0	.071	.102	.125	.139	.147							
7.0	.072	.103	.128	.144								
8.0	.073	.104	.128									

mief= .077 .106 .129 .146 .151 .151 .144 .132 .115 .092 .064 .032

tetaf= 13.4 12.7 9.8 7.9 6.8 6.0 5.3 4.8 4.3 3.8 3.3 2.2

w=0.3 Valores de ni ni0= 1.29

teta=1.0	.026	.044	.056	.062	.064	.061	.058	.054	.050	.045	.040	.033	.024
1.5	.038	.056	.071	.080	.086	.087	.085	.080	.073	.066	.058	.047	.031
2.0	.051	.069	.084	.095	.103	.106	.106	.102	.095	.085	.072	.056	
2.5	.063	.081	.096	.108	.116	.121	.122	.119	.112	.099	.082	.062	
3.0	.075	.093	.108	.120	.129	.134	.135	.131	.122	.109	.090	.064	
3.5	.084	.104	.119	.131	.140	.145	.144	.140	.130	.116	.094		
4.0	.091	.112	.130	.141	.150	.153	.152	.146	.137	.120			
4.5	.098	.118	.136	.151	.158	.160	.158	.153	.141				
5.0	.102	.125	.142	.156	.165	.166	.164						
6.0	.104	.133	.153	.164	.172	.176							
7.0	.105	.134	.157	.171									
8.0	.106	.135	.158										

mief= .111 .136 .158 .175 .177 .176 .170 .157 .141 .120 .095 .065 .032

tetaf= 13.9 11.8 9.4 7.7 6.8 6.1 5.5 5.0 4.5 4.1 3.7 3.0 1.9

w=0.4 Valores de ni ni0= 1.39

teta=1.0	.032	.048	.060	.067	.069	.067	.064	.060	.056	.052	.047	.042	.036	.026
1.5	.048	.064	.077	.087	.093	.095	.093	.089	.083	.077	.070	.062	.050	.032
2.0	.064	.080	.093	.104	.111	.116	.116	.114	.108	.100	.090	.076	.060	
2.5	.079	.095	.108	.119	.128	.133	.135	.133	.128	.118	.103	.087	.063	
3.0	.094	.110	.123	.134	.142	.148	.150	.148	.141	.130	.115	.093		
3.5	.107	.124	.137	.148	.156	.161	.162	.158	.150	.139	.121	.096		
4.0	.116	.135	.151	.161	.169	.172	.171	.166	.159	.145				
4.5	.124	.143	.159	.173	.179	.180	.179	.174	.165					
5.0	.132	.151	.167	.180	.187	.188	.186	.181						
6.0	.135	.163	.180	.189	.196	.200								
7.0	.137	.165	.187	.198										
8.0	.139	.166	.187											

mief= .142 .167 .188 .203 .203 .202 .195 .183 .167 .147 .124 .096 .065 .032

tetaf= 13.7 11.1 9.1 7.6 6.9 6.2 5.6 5.2 4.7 4.3 3.9 3.6 2.8 1.7

TABELA 1b

ACO CA-50A delta=0.05 ntot= 6

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= 1.48

w=0.5

Valores de ni

teta=1.0	.039	.053	.064	.071	.074	.073	.069	.066	.063	.059	.055	.050	.045	.039	.028
1.5	.057	.072	.084	.093	.099	.102	.101	.098	.093	.087	.081	.074	.066	.053	
2.0	.076	.091	.103	.113	.120	.125	.126	.125	.121	.114	.105	.094	.080	.062	
2.5	.094	.108	.121	.131	.139	.144	.147	.146	.143	.136	.123	.108	.091	.065	
3.0	.113	.126	.138	.148	.156	.162	.164	.164	.158	.149	.136	.120	.095		
3.5	.129	.143	.155	.165	.172	.178	.179	.176	.169	.160	.147	.124			
4.0	.139	.157	.171	.180	.188	.191	.190	.186	.179	.170	.151				
4.5	.149	.167	.182	.196	.200	.201	.199	.195	.188						
5.0	.159	.176	.191	.203	.210	.211	.209	.204							
6.0	.167	.194	.206	.215	.221	.225									
7.0	.169	.195	.216	.225											
8.0	.171	.196	.217												

mief= .173 .197 .217 .231 .229 .227 .221 .209 .193 .174 .152 .126 .097 .065 .032

tetaf= 12.7 10.5 8.8 7.5 6.9 6.3 5.7 5.3 4.9 4.5 4.1 3.8 3.4 2.5 1.5

ni0= 1.58

w=0.6

Valores de ni

teta=1.0	.045	.058	.069	.075	.078	.078	.075	.072	.069	.065	.062	.057	.053	.048	.042	.031
1.5	.066	.080	.091	.100	.106	.109	.109	.107	.102	.097	.091	.085	.078	.070	.056	
2.0	.088	.101	.113	.122	.129	.134	.136	.135	.132	.127	.119	.111	.098	.083	.063	
2.5	.109	.122	.133	.143	.150	.156	.159	.159	.157	.152	.142	.128	.113	.093		
3.0	.130	.142	.153	.163	.170	.175	.179	.179	.175	.167	.156	.143	.123	.096		
3.5	.151	.162	.173	.182	.189	.194	.196	.194	.188	.180	.169	.152	.127			
4.0	.162	.179	.192	.200	.207	.210	.209	.205	.199	.191	.177					
4.5	.174	.190	.205	.218	.222	.222	.220	.216	.210	.199						
5.0	.185	.201	.215	.227	.233	.233	.231	.227	.219							
6.0	.198	.222	.232	.240	.246	.249										
7.0	.200	.225	.245	.252												
8.0	.202	.226	.246													

mief= .204 .227 .247 .258 .256 .253 .248 .235 .220 .200 .179 .155 .128 .097 .065 .032

tetaf= 12.0 10.1 8.6 7.5 6.9 6.3 5.8 5.4 5.0 4.7 4.3 4.0 3.7 3.1 2.3 1.3

ni0= 1.68

w=0.7

Valores de ni

teta=1.0	.050	.063	.073	.080	.083	.083	.081	.078	.075	.072	.068	.064	.060	.056	.051	.046	.032
1.5	.075	.088	.098	.107	.113	.116	.117	.115	.111	.106	.101	.096	.090	.083	.073	.059	
2.0	.099	.112	.122	.131	.138	.143	.145	.146	.143	.139	.133	.125	.115	.102	.088	.064	
2.5	.123	.135	.146	.154	.162	.167	.170	.171	.170	.167	.159	.147	.133	.118	.095		
3.0	.147	.158	.168	.177	.184	.189	.193	.194	.192	.185	.175	.163	.149	.125			
3.5	.170	.181	.190	.199	.205	.210	.214	.211	.206	.199	.189	.178	.155	.129			
4.0	.185	.201	.212	.220	.226	.229	.228	.225	.219	.212	.202	.182					
4.5	.198	.214	.228	.240	.243	.243	.241	.237	.231	.224							
5.0	.211	.226	.240	.250	.256	.256	.254	.249	.243								
6.0	.229	.249	.258	.265	.270	.274											
7.0	.232	.255	.273	.279													
8.0	.233	.256	.276														

mief= .234 .256 .276 .285 .282 .279 .274 .261 .247 .228 .206 .183 .158 .129 .097 .065 .032

tetaf= 11.5 9.8 8.4 7.4 6.9 6.4 5.9 5.5 5.2 4.8 4.5 4.2 3.9 3.6 2.9 2.1 1.1

ni0= 1.77

w=0.8

Valores de ni

teta=1.0	.056	.068	.077	.084	.088	.088	.086	.084	.081	.078	.074	.071	.068	.064	.059	.055	.048	.032
1.5	.084	.095	.105	.113	.119	.123	.124	.123	.120	.116	.111	.106	.100	.094	.088	.076	.063	
2.0	.111	.122	.132	.140	.147	.152	.155	.156	.154	.151	.146	.139	.131	.120	.106	.092		
2.5	.137	.148	.158	.166	.173	.178	.182	.183	.183	.181	.176	.165	.152	.138	.123	.096		
3.0	.164	.174	.183	.191	.198	.203	.207	.209	.208	.202	.194	.183	.170	.153	.127			
3.5	.190	.199	.208	.216	.222	.227	.230	.229	.224	.218	.209	.199	.182	.158				
4.0	.207	.223	.232	.239	.245	.249	.247	.244	.239	.232	.224	.209	.186					
4.5	.222	.237	.250	.262	.265	.264	.262	.258	.253	.246	.233							
5.0	.236	.250	.264	.273	.279	.279	.276	.272	.266									
6.0	.259	.276	.283	.290	.295	.298												
7.0	.263	.285	.300	.306														
8.0	.263	.285	.305															

mief= .264 .286 .305 .312 .308 .304 .300 .288 .274 .255 .234 .211 .187 .160 .130 .098 .065 .032

tetaf= 11.0 9.5 8.2 7.4 6.9 6.4 6.0 5.6 5.3 5.0 4.6 4.3 4.0 3.7 3.4 2.7 1.9 1.0

TABELA 1c

ACO CA-50A delta=0.05 ntot= 6

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

w=0.9

Valores de mi

W=0.9																				
teta=1.0	.062	.073	.082	.088	.092	.093	.092	.089	.087	.084	.081	.078	.074	.071	.067	.063	.058	.050		
1.5	.092	.103	.112	.120	.126	.130	.131	.131	.129	.125	.120	.115	.110	.105	.099	.092	.080	.064		
2.0	.122	.132	.142	.150	.156	.161	.164	.165	.165	.162	.158	.152	.145	.137	.124	.111	.094			
2.5	.151	.161	.170	.178	.185	.190	.194	.195	.196	.194	.191	.183	.171	.158	.143	.125	.097			
3.0	.180	.190	.193	.206	.212	.217	.221	.223	.223	.219	.212	.202	.190	.177	.156	.129				
3.5	.208	.217	.225	.233	.239	.243	.247	.247	.242	.236	.229	.219	.208	.186	.160					
4.0	.230	.244	.252	.259	.264	.268	.267	.263	.259	.252	.244	.235	.214							
4.5	.245	.260	.273	.284	.287	.286	.283	.279	.274	.267	.259									
5.0	.261	.275	.288	.296	.302	.302	.299	.295	.289	.282										
6.0	.290	.302	.309	.315	.319	.323	.325													
7.0	.293	.314	.327	.332																
8.0	.293	.315	.335																	

mief= .294 .316 .335 .339 .335 .330 .325 .315 .300 .283 .262 .239 .215 .189 .161 .130 .098 .065 .032
tetaf= 10.6 9.2 8.1 7.4 6.9 6.5 6.0 5.7 5.4 5.1 4.8 4.5 4.2 3.9 3.6 3.2 2.5 1.8 0.9

ni0= 1.97

w=1.0

Valores de mi

		valores de m																			
w=1.0	teta=1.0	.067	.078	.086	.093	.097	.098	.097	.095	.092	.090	.087	.084	.081	.077	.074	.070	.066	.062	.053	
	1.5	.100	.110	.119	.127	.133	.136	.138	.139	.137	.133	.129	.125	.120	.115	.110	.104	.095	.083	.064	
	2.0	.133	.142	.151	.159	.165	.170	.173	.175	.175	.173	.170	.165	.158	.152	.141	.128	.115	.095		
	2.5	.165	.174	.182	.190	.196	.201	.205	.207	.208	.207	.204	.200	.189	.177	.163	.149	.126			
	3.0	.196	.205	.213	.220	.226	.231	.235	.237	.238	.236	.229	.220	.210	.197	.184	.158	.130			
	3.5	.227	.235	.243	.250	.255	.260	.263	.265	.261	.255	.248	.239	.228	.213	.189	.162				
	4.0	.251	.265	.272	.278	.283	.287	.286	.283	.278	.272	.265	.256	.240	.218						
	4.5	.269	.282	.295	.306	.308	.307	.304	.300	.295	.289	.281	.266								
	5.0	.286	.299	.311	.320	.325	.325	.322	.317	.312	.305										
	6.0	.319	.328	.334	.340	.344	.347	.349													
	7.0	.323	.344	.354	.359																
	8.0	.323	.345																		

mief= .324 .345 .364 .365 .361 .356 .351 .342 .327 .311 .290 .267 .243 .218 .191 .162 .130 .098 .065 .032
tetaf= 10.3 9.0 7.9 7.4 6.9 6.5 6.1 5.8 5.5 5.2 4.9 4.6 4.3 4.1 3.8 3.5 3.0 2.4 1.7 0.8

ni0= 2.06

w=1.1

Valores de mi

		Valores de m																				
teta=1.1	.073	.083	.091	.097	.101	.103	.102	.100	.098	.095	.093	.090	.087	.084	.081	.078	.074	.070	.066	.055		
1.5	.108	.118	.126	.134	.139	.143	.146	.146	.145	.142	.138	.134	.130	.125	.120	.115	.110	.099	.087	.065		
2.0	.143	.153	.161	.168	.174	.179	.183	.185	.185	.184	.181	.177	.171	.165	.158	.146	.133	.120	.096			
2.5	.178	.187	.195	.202	.208	.213	.217	.219	.220	.220	.218	.214	.206	.195	.182	.168	.154	.128				
3.0	.212	.220	.228	.235	.241	.245	.249	.252	.253	.253	.246	.238	.229	.217	.204	.186	.159					
3.5	.246	.253	.260	.267	.272	.276	.280	.282	.279	.273	.266	.258	.248	.237	.217	.191						
4.0	.273	.286	.292	.298	.303	.307	.306	.302	.298	.292	.285	.277	.267	.245								
4.5	.292	.305	.318	.328	.330	.328	.326	.322	.317	.310	.303	.293										
5.0	.310	.323	.335	.343	.348	.348	.345	.340	.335	.328	.318											
6.0	.346	.354	.360	.365	.369	.372	.374															
7.0	.353	.373	.381	.385																		
8.0	.353	.374																				

mief= .354 .375 .393 .392 .367 .362 .377 .367 .354 .358 .318 .295 .272 .247 .221 .193 .163 .130 .098 .065 .032
tetaf= 10.0 8.8 7.8 7.3 6.9 6.5 6.2 5.8 5.5 5.3 5.0 4.7 4.5 4.2 3.9 3.7 3.4 2.9 2.2 1.5 0.8

ni0= 2.16

w=1.2

Valores de mi

Valores de m1																					
teta=1.0	.078	.087	.095	.102	.106	.108	.108	.106	.103	.101	.098	.096	.093	.090	.087	.084	.081	.078	.074	.069	.058
1.5	.116	.125	.134	.141	.146	.150	.153	.153	.153	.150	.147	.143	.139	.135	.130	.126	.121	.114	.103	.090	
2.0	.154	.163	.171	.178	.184	.188	.192	.194	.195	.194	.192	.188	.184	.178	.172	.163	.150	.138	.124	.097	
2.5	.191	.200	.207	.214	.220	.225	.228	.231	.232	.232	.231	.228	.223	.213	.201	.188	.174	.156	.129		
3.0	.228	.236	.243	.249	.255	.259	.263	.266	.267	.267	.263	.256	.247	.236	.224	.211	.188	.161			
3.5	.264	.271	.278	.284	.289	.293	.296	.299	.297	.291	.285	.277	.268	.258	.244	.220	.193				
4.0	.295	.306	.312	.317	.322	.326	.325	.322	.318	.312	.305	.297	.288	.272	.249						
4.5	.315	.328	.340	.350	.352	.350	.347	.343	.338	.332	.325	.317	.299								
5.0	.335	.347	.359	.366	.371	.371	.368	.363	.358	.351	.344										
6.0	.373	.379	.385	.390	.394	.396	.398														
7.0	.383	.403	.408	.412																	
8.0	.383	.404																			

mief= .384 .404 .423 .419 .414 .408 .403 .396 .381 .365 .346 .324 .300 .276 .250 .223 .194 .163 .130 .098 .065
tetaf= 9.8 8.7 7.7 7.3 6.9 6.6 6.2 5.9 5.6 5.4 5.1 4.8 4.6 4.3 4.1 3.9 3.6 3.3 2.7 2.1 1.4

TABELA 1d

ACO CA-50A delta=0.05 ntot= 6

		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= 2.35	
		Valores de mi																							
w=1.4	teta=1.0	.089	.097	.105	.111	.115	.117	.118	.117	.114	.112	.110	.108	.105	.103	.100	.097	.094	.092	.089	.085	.082	.063		
	1.5	.132	.140	.148	.154	.160	.164	.167	.168	.168	.167	.164	.161	.157	.153	.149	.145	.141	.136	.132	.122	.110			
	2.0	.175	.183	.190	.197	.202	.207	.210	.213	.214	.214	.213	.211	.207	.203	.197	.192	.184	.172	.160	.147	.127			
	2.5	.218	.225	.232	.236	.243	.248	.252	.254	.256	.257	.256	.255	.252	.247	.236	.225	.212	.199	.186	.159				
	3.0	.259	.266	.272	.278	.283	.288	.291	.294	.296	.297	.297	.291	.283	.273	.263	.251	.239	.219	.192					
	3.5	.300	.307	.312	.318	.322	.327	.330	.332	.333	.328	.322	.315	.307	.298	.288	.275	.251	.224						
	4.0	.338	.346	.352	.356	.361	.364	.365	.361	.357	.352	.345	.338	.330	.321	.304	.281								
	4.5	.361	.373	.385	.394	.396	.393	.390	.386	.381	.375	.368	.361	.352	.332										
	5.0	.383	.395	.407	.413	.417	.418	.414	.409	.403	.397	.390	.380												
	6.0	.425	.431	.435	.440	.443	.446	.448																	
	7.0	.442	.458	.462	.465																				
	8.0	.443	.463																						
	mief=	.443	.464	.478	.472	.466	.461	.455	.448	.435	.419	.402	.381	.357	.333	.308	.282	.255	.226	.196	.163	.130	.065		
	tetaf=	9.4	8.4	7.6	7.3	6.9	6.6	6.3	6.0	5.7	5.5	5.3	5.0	4.8	4.6	4.3	4.1	3.9	3.7	3.4	2.9	2.4	1.3		
																							ni0= 2.55		
w=1.6	teta=1.0	.099	.107	.114	.120	.124	.126	.127	.127	.125	.123	.121	.119	.117	.114	.112	.110	.107	.105	.102	.099	.096	.090	.064	
	1.5	.148	.155	.162	.168	.173	.177	.180	.182	.183	.182	.180	.178	.174	.171	.167	.164	.160	.156	.152	.148	.140	.117		
	2.0	.196	.203	.210	.216	.221	.225	.229	.232	.233	.234	.233	.232	.230	.226	.222	.217	.212	.205	.193	.181	.169	.129		
	2.5	.243	.250	.256	.262	.267	.271	.275	.278	.280	.281	.281	.281	.279	.276	.271	.260	.249	.236	.224	.211	.190			
	3.0	.290	.296	.302	.307	.312	.316	.320	.323	.325	.326	.326	.325	.317	.309	.300	.290	.278	.266	.250	.223	.195			
	3.5	.336	.342	.347	.352	.356	.360	.363	.366	.367	.364	.359	.352	.345	.337	.327	.317	.306	.282	.255	.228				
	4.0	.380	.386	.391	.396	.399	.403	.405	.401	.397	.391	.385	.379	.371	.362	.353	.336	.312							
	4.5	.406	.418	.429	.438	.440	.437	.433	.428	.423	.418	.411	.404	.396	.387	.365									
	5.0	.432	.443	.454	.459	.463	.464	.460	.455	.449	.443	.436	.429												
	6.0	.476	.481	.486	.489	.492	.495	.497	.498																
	7.0	.501	.512	.515	.518																				
	8.0	.502	.522																						
	mief=	.503	.523	.531	.525	.519	.513	.507	.500	.490	.473	.456	.439	.415	.391	.366	.340	.314	.286	.258	.228	.196	.131	.065	
	tetaf=	9.0	8.2	7.6	7.2	6.9	6.6	6.3	6.1	5.8	5.6	5.4	5.2	5.0	4.8	4.5	4.3	4.1	3.9	3.7	3.5	3.1	2.2	1.1	
																								ni0= 2.74	
w=1.8	teta=1.0	.110	.117	.123	.129	.133	.136	.137	.137	.136	.134	.132	.130	.128	.126	.124	.122	.119	.117	.115	.112	.110	.104	.095	
	1.5	.163	.170	.177	.182	.187	.191	.194	.196	.197	.197	.196	.194	.191	.188	.185	.182	.178	.175	.171	.168	.164	.148	.125	
	2.0	.217	.223	.229	.235	.240	.244	.247	.250	.252	.253	.253	.253	.251	.248	.245	.241	.237	.232	.226	.215	.203	.179		
	2.5	.269	.275	.281	.286	.291	.295	.299	.301	.304	.305	.306	.306	.305	.303	.300	.294	.284	.273	.261	.248	.236	.192		
	3.0	.321	.326	.332	.336	.341	.345	.348	.351	.353	.355	.355	.355	.352	.344	.336	.327	.316	.305	.293	.280	.253			
	3.5	.372	.377	.382	.386	.390	.394	.397	.399	.401	.401	.395	.389	.382	.375	.366	.357	.347	.336	.313	.287	.259			
	4.0	.422	.426	.431	.435	.438	.441	.444	.441	.436	.431	.425	.419	.411	.404	.395	.386	.368	.344						
	4.5	.451	.463	.474	.482	.484	.480	.476	.472	.466	.461	.454	.447	.440	.432	.421	.398								
	5.0	.480	.491	.501	.506	.509	.511	.506	.501	.495	.489	.483	.475	.468											
	6.0	.528	.532	.536	.539	.542	.544	.546	.547																
	7.0	.561	.565	.569	.571																				
	8.0	.562																							
	mief=	.562	.582	.585	.578	.572	.565	.559	.552	.545	.528	.511	.493	.474	.449	.424	.399	.373	.346	.318	.290	.260	.196	.131	
	tetaf=	8.7	8.0	7.5	7.2	6.9	6.7	6.4	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	3.6	2.9	2.0	
																								ni0= 2.93	
w=2.0	teta=1.0	.120	.127	.133	.138	.142	.145	.146	.147	.146	.145	.143	.141	.139	.137	.135	.133	.131	.129	.127	.125	.122	.118	.113	
	1.5	.179	.185	.191	.196	.201	.205	.208	.210	.212	.212	.212	.210	.208	.205	.202	.199	.196	.193	.190	.186	.183	.176	.156	
	2.0	.237	.243	.249	.254	.258	.263	.266	.269	.271	.272	.273	.273	.272	.270	.267	.264	.260	.256	.252	.247	.236	.213	.189	
	2.5	.294	.300	.305	.310	.315	.319	.322	.325	.327	.329	.330	.330	.329	.327	.324	.318	.307	.296	.285	.273	.248	.195		
	3.0	.351	.356	.361	.366	.370	.373	.377	.379	.382	.383	.384	.385	.385	.379	.371	.363	.353	.343	.332	.320	.308	.257		
	3.5	.407	.412	.416	.420	.424	.427	.430	.433	.435	.436	.432	.426	.420	.412	.404	.396	.386	.376	.366	.344	.318			
	4.0	.462	.466	.470	.474	.477	.480	.483	.481	.476	.471	.465	.459	.452	.444	.436	.427	.418	.400	.376					
	4.5	.496	.508	.519	.527	.528	.524	.520	.515	.509	.504	.497	.491	.483	.476	.467	.454	.431							
	5.0	.528	.539	.548	.552	.555	.558	.553	.547	.542	.535	.529	.522	.514	.506										
	6.0	.578	.582	.586	.589	.591	.594	.595	.597																
	7.0	.616	.619	.622	.624																				
	8.0	.621																							
	mief=	.621	.641	.638	.631	.625	.618	.611	.604	.596	.583	.566	.548	.530	.508	.483	.457	.431	.405	.378	.350	.321	.261	.196	
	tetaf=	8.5	7.8	7.5	7.2	7.0	6.7	6.5	6.2	6.0	5.8	5.6	5.4	5.3	5.1	4.9	4.7	4.5	4.3	4.2	4.0	3.8	3.5	2.7	



TABELA 2a

ACO CA-50A delta=0.10 ntot= 6

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 ni

ni0= 1.10

teta=1.0 .009 .033 .046 .052 .052 .049 .044 .040 .034 .028 .019
 1.5 .014 .039 .056 .066 .071 .070 .065 .058 .049 .039 .025
 2.0 .019 .044 .063 .076 .083 .085 .082 .074 .062 .048 .029
 2.5 .023 .049 .068 .083 .092 .095 .093 .086 .072 .054 .031
 3.0 .028 .053 .074 .089 .098 .103 .101 .093 .079 .059
 3.5 .031 .058 .078 .094 .104 .108 .107 .098 .084 .062
 4.0 .033 .061 .082 .098 .108 .112 .110 .102 .087
 4.5 .035 .063 .086 .102 .112 .116 .113 .105
 5.0 .035 .066 .088 .105 .115 .118 .116
 6.0 .036 .068 .093 .109 .119
 7.0 .037 .069 .095 .112
 8.0 .037 .070 .096 .114

mief= .040 .072 .096 .114 .121 .122 .116 .105 .087 .062 .031

tetaf= 13.7 14.1 10.3 8.0 6.8 5.9 5.2 4.6 4.1 3.6 2.5

w=0.2

Valores de ni

ni0= 1.19

teta=1.0 .016 .037 .049 .056 .057 .053 .050 .045 .041 .035 .029 .020
 1.5 .025 .045 .061 .071 .076 .077 .073 .067 .059 .051 .041 .026
 2.0 .033 .053 .070 .082 .090 .093 .091 .086 .076 .065 .050 .030
 2.5 .040 .061 .078 .091 .100 .105 .104 .100 .090 .075 .056
 3.0 .048 .069 .086 .100 .109 .114 .114 .109 .098 .082 .060
 3.5 .055 .076 .093 .107 .116 .121 .121 .115 .104 .087
 4.0 .059 .082 .100 .114 .123 .127 .126 .120 .109
 4.5 .064 .087 .106 .120 .129 .132 .130 .124
 5.0 .066 .091 .110 .125 .133 .136 .134
 6.0 .067 .097 .117 .131 .140 .143
 7.0 .068 .098 .122 .136
 8.0 .069 .099 .123

mief= .074 .101 .123 .139 .143 .143 .136 .127 .111 .089 .062 .031

tetaf= 14.6 12.4 9.6 7.8 6.8 6.0 5.4 4.8 4.3 3.9 3.4 2.2

w=0.3

Valores de ni

ni0= 1.29

teta=1.0 .023 .040 .053 .059 .061 .058 .055 .051 .047 .042 .036 .030 .022
 1.5 .034 .052 .066 .076 .081 .083 .080 .075 .068 .061 .053 .043 .028
 2.0 .045 .063 .078 .089 .096 .100 .100 .096 .089 .079 .067 .052
 2.5 .055 .073 .088 .100 .109 .114 .115 .112 .105 .093 .077 .058
 3.0 .066 .083 .098 .111 .119 .125 .126 .124 .115 .102 .086 .061
 3.5 .076 .093 .108 .120 .129 .134 .136 .131 .123 .110 .089
 4.0 .082 .103 .117 .129 .137 .142 .142 .137 .129 .114
 4.5 .088 .108 .126 .137 .145 .148 .147 .142 .133
 5.0 .094 .114 .131 .145 .152 .154 .152 .147
 6.0 .097 .124 .140 .153 .161 .163
 7.0 .098 .126 .149 .159
 8.0 .099 .127 .149

mief= .105 .129 .150 .163 .165 .164 .157 .147 .134 .114 .091 .061 .030

tetaf= 14.4 11.4 9.2 7.7 6.8 6.1 5.5 5.0 4.6 4.1 3.7 3.1 2.0

w=0.4

Valores de ni

ni0= 1.39

teta=1.0 .028 .044 .056 .062 .065 .063 .060 .056 .052 .048 .043 .038 .032 .023
 1.5 .042 .058 .071 .081 .086 .089 .087 .083 .077 .071 .064 .055 .045 .029
 2.0 .056 .072 .085 .096 .103 .107 .108 .106 .100 .092 .082 .070 .054
 2.5 .069 .085 .098 .109 .117 .122 .124 .123 .118 .110 .096 .080 .059
 3.0 .082 .097 .111 .122 .130 .135 .138 .137 .131 .120 .106 .087
 3.5 .095 .110 .123 .133 .142 .147 .149 .146 .139 .129 .114 .091
 4.0 .104 .122 .134 .144 .152 .157 .157 .154 .147 .136
 4.5 .111 .129 .145 .155 .162 .165 .164 .160 .153
 5.0 .118 .136 .152 .165 .171 .172 .170 .166
 6.0 .126 .148 .163 .174 .181 .184
 7.0 .127 .153 .173 .182
 8.0 .129 .155 .176

mief= .134 .156 .176 .186 .187 .187 .178 .168 .156 .139 .117 .091 .061 .030

tetaf= 13.1 10.7 8.8 7.6 6.9 6.2 5.7 5.2 4.8 4.4 4.0 3.6 2.9 1.7

TABELA 2c

ACO CA-50A delta=0.10 ntot= 6

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 ni

w=0.9

teta=1.0	.053	.064	.073	.079	.083	.084	.083	.080	.077	.074	.071	.068	.065	.061	.058	.054	.049	.043
1.5	.078	.089	.098	.106	.112	.116	.117	.117	.115	.111	.106	.101	.096	.091	.085	.079	.069	.057
2.0	.103	.114	.123	.131	.138	.143	.146	.147	.146	.144	.139	.134	.127	.120	.110	.097	.084	
2.5	.128	.138	.147	.155	.162	.167	.170	.172	.173	.171	.167	.162	.153	.140	.127	.113	.089	
3.0	.152	.162	.170	.178	.184	.190	.193	.195	.196	.194	.190	.181	.170	.157	.143	.118		
3.5	.176	.185	.193	.200	.206	.211	.214	.216	.217	.211	.204	.195	.185	.171	.147			
4.0	.199	.208	.215	.222	.227	.231	.234	.234	.230	.224	.217	.208	.196					
4.5	.214	.228	.237	.242	.247	.251	.250	.247	.242	.237	.229	.219						
5.0	.227	.240	.252	.262	.266	.265	.263	.259	.254	.248								
6.0	.252	.264	.276	.281	.286	.289	.287											
7.0	.267	.285	.291	.296														
8.0	.269	.289																

mief= .270 .289 .303 .301 .298 .295 .289 .277 .265 .252 .238 .219 .198 .174 .149 .120 .090 .059 .029
 tetaf= 10.1 8.8 7.9 7.4 6.9 6.5 6.1 5.8 5.4 5.1 4.9 4.6 4.3 4.0 3.7 3.4 2.7 1.9 1.0

ni0= 1.97

w=1.0

Valores de ni

teta=1.0	.057	.067	.076	.082	.086	.088	.087	.085	.082	.079	.076	.074	.070	.067	.064	.060	.056	.052	.045
1.5	.085	.095	.104	.111	.117	.121	.123	.123	.121	.118	.114	.109	.105	.100	.095	.089	.083	.072	.058
2.0	.112	.122	.131	.138	.145	.150	.153	.154	.154	.152	.149	.144	.138	.131	.124	.113	.100	.086	
2.5	.139	.148	.157	.164	.171	.176	.179	.182	.182	.181	.179	.175	.169	.157	.144	.131	.115	.089	
3.0	.165	.174	.182	.189	.196	.200	.204	.206	.207	.207	.205	.197	.187	.175	.162	.144	.119		
3.5	.191	.199	.207	.214	.219	.224	.227	.229	.230	.227	.220	.212	.202	.191	.173	.148			
4.0	.216	.224	.231	.237	.242	.246	.249	.250	.246	.241	.234	.226	.217	.199					
4.5	.234	.247	.254	.260	.264	.268	.267	.264	.260	.254	.248	.239							
5.0	.248	.261	.272	.282	.285	.284	.282	.278	.273	.267									
6.0	.275	.287	.297	.303	.307	.310	.309												
7.0	.294	.308	.314	.318															
8.0	.296	.315																	

mief= .297 .316 .326 .324 .321 .317 .312 .300 .287 .274 .260 .244 .223 .200 .176 .149 .120 .089 .059 .029
 tetaf= 9.8 8.6 7.8 7.4 6.9 6.5 6.1 5.8 5.5 5.2 5.0 4.7 4.4 4.1 3.9 3.6 3.2 2.5 1.8 0.9

ni0= 2.06

w=1.1

Valores de ni

teta=1.0	.061	.071	.080	.086	.090	.092	.091	.089	.087	.084	.081	.079	.076	.073	.070	.066	.063	.059	.055	.047
1.5	.091	.101	.110	.117	.122	.126	.129	.129	.128	.125	.121	.117	.113	.108	.103	.098	.093	.086	.074	.058
2.0	.121	.130	.138	.146	.152	.157	.160	.162	.162	.161	.158	.154	.149	.142	.136	.128	.116	.104	.087	
2.5	.150	.159	.167	.174	.180	.185	.189	.191	.192	.192	.190	.186	.181	.173	.161	.148	.135	.116		
3.0	.178	.186	.194	.201	.207	.211	.215	.218	.219	.219	.217	.212	.203	.192	.180	.167	.145	.119		
3.5	.206	.214	.221	.227	.233	.237	.240	.243	.244	.242	.236	.228	.219	.209	.198	.175	.149			
4.0	.233	.240	.247	.253	.257	.261	.264	.266	.262	.257	.251	.244	.235	.224	.202					
4.5	.253	.266	.272	.277	.282	.285	.285	.282	.278	.272	.266	.258	.248							
5.0	.269	.281	.292	.301	.305	.303	.300	.297	.292	.286	.280									
6.0	.298	.309	.319	.324	.328	.331	.330													
7.0	.322	.332	.337	.341																
8.0	.323	.342																		

mief= .323 .342 .349 .346 .343 .339 .335 .322 .309 .296 .282 .267 .248 .226 .202 .177 .150 .119 .089 .059 .029
 tetaf= 9.5 8.4 7.7 7.3 6.9 6.5 6.2 5.9 5.6 5.3 5.1 4.8 4.6 4.3 4.0 3.8 3.5 3.0 2.4 1.6 0.8

ni0= 2.16

w=1.2

Valores de ni

teta=1.0	.066	.075	.083	.089	.093	.095	.095	.094	.091	.089	.086	.084	.081	.078	.075	.072	.069	.065	.062	.058	.049
1.5	.098	.107	.115	.122	.128	.132	.134	.135	.134	.132	.128	.125	.120	.116	.112	.107	.102	.097	.089	.077	.059
2.0	.130	.138	.146	.153	.159	.164	.167	.169	.170	.169	.167	.164	.159	.153	.147	.141	.132	.119	.107	.088	
2.5	.161	.169	.176	.183	.189	.194	.198	.200	.201	.202	.200	.198	.193	.188	.177	.165	.152	.139	.117		
3.0	.191	.199	.206	.212	.218	.223	.226	.229	.230	.230	.229	.227	.218	.209	.198	.185	.172	.146			
3.5	.221	.228	.235	.241	.246	.250	.253	.256	.257	.257	.251	.244	.236	.227	.216	.200	.176				
4.0	.250	.257	.263	.268	.273	.277	.279	.282	.279	.274	.268	.261	.253	.243	.227						
4.5	.273	.285	.290	.295	.299	.302	.302	.299	.295	.290	.284	.277	.268								
5.0	.289	.301	.312	.321	.324	.322	.319	.315	.311	.305	.299										
6.0	.320	.332	.340	.345	.349	.352	.351														
7.0	.349	.355	.359	.363																	
8.0	.349	.368																			

mief= .350 .368 .372 .369 .365 .361 .357 .345 .332 .318 .304 .290 .273 .251 .228 .204 .178 .150 .119 .089 .059
 tetaf= 9.3 8.3 7.7 7.3 6.9 6.6 6.2 5.9 5.7 5.4 5.2 4.9 4.7 4.4 4.2 3.9 3.7 3.4 2.9 2.2 1.5

TABELA 2d

ACO CA-50A delta=0.10 ntot= 6

		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= 2.35	
w=1.4		Valores de ni																								
teta=	1.0	.074	.083	.090	.096	.100	.103	.103	.102	.100	.098	.096	.093	.091	.088	.086	.083	.080	.077	.074	.071	.068	.053			
	1.5	.111	.119	.126	.133	.138	.142	.145	.146	.146	.145	.142	.139	.135	.132	.128	.124	.119	.115	.110	.105	.094				
	2.0	.146	.154	.161	.163	.173	.178	.182	.184	.185	.185	.184	.182	.178	.174	.169	.163	.158	.150	.138	.126	.114				
	2.5	.182	.189	.196	.202	.207	.212	.216	.219	.220	.221	.221	.219	.216	.213	.208	.197	.185	.173	.160	.144	.118				
	3.0	.216	.223	.229	.235	.240	.245	.248	.251	.253	.254	.253	.252	.249	.240	.231	.220	.208	.195	.174	.148					
	3.5	.250	.256	.262	.267	.272	.276	.279	.282	.284	.284	.282	.276	.269	.260	.251	.241	.228	.204	.178						
	4.0	.283	.289	.294	.299	.303	.307	.310	.312	.311	.307	.301	.295	.287	.279	.270	.255									
	4.5	.311	.321	.325	.330	.333	.336	.338	.334	.330	.325	.319	.313	.305	.297											
	5.0	.330	.341	.351	.360	.363	.360	.357	.353	.349	.343	.337	.330													
	6.0	.365	.376	.383	.388	.391	.394	.394	.389																	
	7.0	.396	.401	.405	.408																					
	8.0	.402	.421																							
mief=		.403	.421	.418	.414	.410	.406	.401	.390	.377	.363	.349	.335	.320	.302	.280	.256	.232	.206	.179	.149	.119	.059			
tetaf=	8.9	8.0	7.6	7.3	6.9	6.6	6.3	6.0	5.8	5.6	5.3	5.1	4.9	4.7	4.4	4.2	4.0	3.8	3.6	3.1	2.6	1.3				
w=1.6		Valores de ni																								ni0= 2.55
teta=	1.0	.083	.091	.097	.103	.107	.110	.111	.110	.109	.107	.105	.103	.100	.098	.096	.093	.091	.088	.086	.083	.080	.074	.057		
	1.5	.123	.131	.138	.144	.149	.153	.156	.158	.158	.157	.156	.153	.150	.146	.143	.139	.135	.132	.127	.123	.119	.099			
	2.0	.163	.170	.177	.183	.188	.192	.196	.199	.200	.201	.201	.199	.197	.193	.189	.184	.179	.174	.168	.157	.145	.116			
	2.5	.202	.209	.215	.221	.226	.230	.234	.237	.239	.240	.240	.240	.238	.235	.232	.227	.217	.206	.194	.181	.169				
	3.0	.241	.247	.253	.258	.263	.267	.270	.273	.275	.276	.277	.276	.275	.271	.262	.253	.242	.231	.219	.202	.176				
	3.5	.279	.284	.290	.294	.299	.303	.306	.308	.310	.311	.311	.307	.300	.293	.285	.275	.265	.254	.231	.206					
	4.0	.316	.321	.326	.330	.334	.337	.340	.342	.344	.339	.334	.328	.322	.314	.306	.297	.282	.260							
	4.5	.349	.356	.361	.364	.368	.371	.373	.370	.365	.361	.355	.349	.342	.334	.326										
	5.0	.370	.381	.391	.398	.401	.399	.395	.391	.386	.381	.375	.369	.362												
	6.0	.410	.420	.426	.430	.433	.435	.437	.432																	
	7.0	.443	.447	.450	.453																					
	8.0	.455																								
mief=		.455	.468	.463	.459	.454	.450	.445	.436	.422	.408	.394	.379	.365	.349	.331	.308	.285	.260	.234	.207	.178	.118	.058		
tetaf=	8.5	7.9	7.6	7.2	6.9	6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.1	4.9	4.7	4.5	4.2	4.0	3.8	3.6	3.3	2.3	1.2			
w=1.8		Valores de ni																								ni0= 2.74
teta=	1.0	.091	.098	.105	.110	.114	.117	.118	.119	.117	.116	.114	.112	.110	.107	.105	.103	.101	.099	.096	.094	.091	.086	.080		
	1.5	.136	.143	.149	.155	.159	.164	.167	.169	.170	.170	.168	.166	.164	.161	.157	.154	.151	.147	.144	.140	.136	.127	.105		
	2.0	.180	.186	.192	.198	.203	.207	.210	.213	.215	.216	.216	.216	.214	.211	.208	.204	.200	.195	.190	.185	.175	.152	.117		
	2.5	.223	.229	.235	.240	.245	.249	.252	.255	.257	.259	.260	.259	.258	.257	.254	.251	.247	.237	.226	.214	.202	.173			
	3.0	.265	.271	.276	.281	.285	.289	.293	.296	.298	.299	.300	.300	.299	.298	.293	.284	.275	.264	.253	.242	.229	.177			
	3.5	.307	.312	.317	.321	.325	.329	.332	.334	.336	.338	.338	.338	.332	.325	.317	.309	.300	.290	.279	.259	.234				
	4.0	.348	.352	.357	.361	.364	.367	.370	.372	.374	.372	.367	.362	.355	.348	.341	.332	.323	.310	.288						
	4.5	.387	.392	.396	.399	.402	.405	.407	.405	.401	.396	.391	.385	.378	.371	.363	.355									
	5.0	.410	.420	.430	.437	.440	.437	.433	.429	.424	.419	.413	.407	.400	.393											
	6.0	.455	.465	.469	.472	.475	.477	.479	.475																	
	7.0	.489	.492	.495	.498																					
	8.0	.508																								
mief=		.508	.513	.509	.504	.499	.494	.489	.482	.468	.454	.439	.425	.410	.395	.379	.360	.337	.313	.288	.262	.236	.178	.118		
tetaf=	8.3	7.8	7.5	7.2	6.9	6.7	6.4	6.2	6.0	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.5	4.3	4.1	3.9	3.7	3.1	2.1			
w=2.0		Valores de ni																								ni0= 2.93
teta=	1.0	.099	.106	.112	.117	.121	.124	.126	.126	.126	.124	.122	.121	.119	.117	.115	.113	.111	.109	.106	.104	.102	.097	.092		
	1.5	.148	.154	.160	.166	.170	.174	.177	.180	.181	.181	.181	.179	.177	.174	.171	.168	.165	.162	.159	.156	.152	.145	.132		
	2.0	.196	.202	.207	.213	.217	.222	.225	.228	.230	.231	.232	.232	.231	.229	.226	.223	.219	.215	.211	.206	.202	.182	.160		
	2.5	.243	.249	.254	.259	.263	.267	.271	.274	.276	.278	.279	.279	.279	.277	.276	.273	.270	.266	.257	.246	.235	.211	.174		
	3.0	.290	.295	.300	.304	.308	.312	.315	.318	.320	.322	.323	.323	.323	.322	.321	.314	.306	.297	.287	.276	.264	.231			
	3.5	.335	.340	.344	.348	.352	.355	.358	.361	.363	.364	.365	.366	.363	.356	.349	.341	.333	.324	.314	.304	.287	.236			
	4.0	.380	.384	.388	.392	.395	.398	.400	.403	.404	.405	.400	.395	.389	.382	.375	.367	.359	.350	.338	.315					
	4.5	.424	.427	.431	.434	.437	.440	.442	.441	.436	.432	.426	.420	.414	.407	.400	.392	.384								
	5.0	.450	.460	.470	.476	.478	.476	.472	.467	.462	.457	.451	.445	.439	.432	.424										
	6.0	.499	.508	.511	.514	.517	.519	.521	.518	.513																
	7.0	.535	.538	.541	.543																					
	8.0	.561																								
mief=		.561	.559	.554	.549	.544	.539	.533	.528	.514	.500	.485	.470	.455	.440	.424	.409	.389	.365	.341	.316	.291	.237	.177		
tetaf=	8.0	7.7	7.5	7.2	7.0	6.7	6.5	6.2	6.0	5.9	5.7	5.5	5.3	5.2	5.0	4.8	4.7	4.5	4.3	4.1	3.9	3.6	2.9			

TABELA 3a

ACO CA-50A delta=0.15 ntot= 6

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

w=0.1

Valores de ni

teta=1.0	.009	.032	.046	.051	.051	.048	.043	.039	.033	.027	.018
1.5	.013	.037	.054	.065	.069	.069	.064	.056	.048	.038	.024
2.0	.017	.042	.061	.074	.081	.083	.080	.072	.061	.047	.028
2.5	.021	.046	.066	.081	.089	.093	.091	.084	.071	.053	.030
3.0	.025	.050	.071	.086	.096	.100	.099	.091	.077	.058	
3.5	.029	.054	.075	.091	.101	.105	.104	.096	.082	.061	
4.0	.031	.058	.079	.094	.105	.109	.107	.099	.085		
4.5	.033	.061	.082	.098	.108	.112	.110	.102			
5.0	.034	.063	.085	.101	.111	.114	.112				
6.0	.035	.066	.089	.105	.115						
7.0	.036	.067	.092	.108							
8.0	.036	.068	.093	.110							
mief=	.040	.070	.094	.110	.117	.118	.113	.102	.085	.061	.030
tetaf=	14.9	13.6	10.1	8.0	6.8	5.9	5.2	4.6	4.1	3.6	2.5

w=0.2

Valores de ni

ni0= 1.19

teta=1.0	.015	.035	.048	.054	.055	.052	.048	.043	.039	.033	.027	.018
1.5	.022	.043	.058	.068	.073	.074	.070	.064	.057	.048	.038	.025
2.0	.029	.050	.067	.079	.086	.089	.088	.082	.073	.061	.047	.028
2.5	.036	.057	.074	.087	.096	.100	.100	.095	.086	.071	.053	
3.0	.043	.063	.081	.094	.103	.108	.109	.104	.094	.079	.058	
3.5	.050	.070	.087	.101	.110	.115	.115	.110	.100	.084		
4.0	.054	.076	.093	.106	.116	.123	.123	.115	.104			
4.5	.058	.081	.099	.112	.120	.125	.124	.118				
5.0	.062	.084	.103	.116	.125	.128	.127					
6.0	.064	.091	.109	.123	.132	.134						
7.0	.065	.093	.115	.128								
8.0	.066	.094	.117									
mief=	.071	.096	.118	.131	.136	.134	.129	.120	.107	.086	.060	.029
tetaf=	15.3	11.9	9.5	7.8	6.8	6.0	5.4	4.8	4.4	3.9	3.4	2.3

w=0.3

Valores de ni

ni0= 1.29

teta=1.0	.020	.038	.050	.056	.058	.056	.052	.048	.044	.039	.034	.027	.019
1.5	.030	.048	.062	.072	.077	.079	.076	.071	.064	.057	.049	.039	.025
2.0	.039	.057	.072	.084	.091	.095	.095	.091	.083	.073	.062	.048	.029
2.5	.049	.066	.082	.093	.102	.107	.108	.105	.098	.088	.072	.055	
3.0	.058	.075	.090	.102	.111	.117	.118	.116	.109	.097	.080	.058	
3.5	.067	.084	.099	.111	.119	.125	.126	.124	.116	.103	.085		
4.0	.074	.092	.107	.118	.127	.132	.133	.129	.121	.109			
4.5	.080	.099	.114	.125	.133	.138	.138	.133	.125				
5.0	.085	.104	.121	.132	.139	.143	.142	.137					
6.0	.091	.113	.129	.141	.149	.151							
7.0	.092	.118	.136	.148									
8.0	.093	.119	.141										
mief=	.098	.121	.141	.151	.154	.152	.146	.138	.126	.109	.087	.059	.029
tetaf=	13.4	10.9	9.0	7.7	6.8	6.2	5.6	5.1	4.6	4.2	3.8	3.2	2.0

w=0.4

Valores de ni

ni0= 1.39

teta=1.0	.025	.041	.052	.059	.061	.059	.056	.052	.048	.044	.040	.034	.028	.020
1.5	.037	.053	.066	.075	.081	.083	.082	.077	.072	.065	.058	.050	.041	.027
2.0	.048	.064	.078	.089	.096	.100	.101	.098	.093	.084	.075	.064	.049	
2.5	.060	.075	.089	.100	.108	.113	.115	.114	.109	.101	.089	.073	.055	
3.0	.071	.086	.100	.111	.119	.125	.127	.126	.122	.112	.099	.082		
3.5	.082	.097	.110	.121	.129	.134	.136	.136	.130	.120	.106	.086		
4.0	.093	.107	.120	.130	.138	.143	.145	.142	.136	.126	.111			
4.5	.099	.117	.129	.139	.146	.150	.151	.148	.141					
5.0	.105	.123	.138	.147	.153	.157	.156	.153						
6.0	.117	.133	.148	.159	.166	.167								
7.0	.118	.142	.157	.167										
8.0	.119	.143	.164											
mief=	.123	.146	.164	.170	.172	.170	.163	.155	.144	.131	.111	.087	.058	.028
tetaf=	12.2	10.3	8.6	7.6	6.9	6.2	5.7	5.2	4.8	4.4	4.0	3.6	2.9	1.8

TABELA 3b

ACO CA-50A $\delta=0.15$ $n_{tot}=6$
 $n_i = 0.00 \ 0.10 \ 0.20 \ 0.30 \ 0.40 \ 0.50 \ 0.60 \ 0.70 \ 0.80 \ 0.90 \ 1.00 \ 1.10 \ 1.20 \ 1.30 \ 1.40 \ 1.50 \ 1.60 \ 1.70 \ 1.80 \ 1.90 \ 2.00 \ 2.20 \ 2.40$
 $w=0.5$ Valores de m_i $n_{i0} = 1.48$

teta=1.0	.029	.044	.055	.061	.064	.063	.060	.056	.053	.049	.045	.040	.035	.029	.021
1.5	.043	.058	.070	.079	.085	.087	.087	.084	.078	.073	.066	.059	.051	.042	.027
2.0	.057	.071	.084	.094	.101	.105	.107	.106	.101	.094	.086	.076	.065	.051	
2.5	.070	.084	.097	.107	.115	.120	.123	.122	.119	.113	.104	.090	.075	.056	
3.0	.084	.097	.109	.119	.127	.133	.135	.135	.133	.127	.115	.101	.083		
3.5	.096	.109	.121	.131	.138	.144	.146	.147	.143	.135	.124	.109	.086		
4.0	.109	.122	.133	.142	.149	.154	.156	.155	.150	.142	.131				
4.5	.118	.133	.144	.152	.159	.163	.165	.162	.156	.148					
5.0	.125	.141	.154	.162	.168	.172	.171	.168							
6.0	.138	.153	.166	.177	.184	.184									
7.0	.143	.165	.177	.186											
8.0	.145	.168	.186												

mief= .148 .170 .187 .190 .191 .188 .180 .172 .162 .150 .133 .112 .086 .057 .027

tetaf= 11.4 9.8 8.3 7.6 6.9 6.3 5.8 5.4 5.0 4.6 4.2 3.9 3.5 2.7 1.6

 $w=0.6$ Valores de m_i $n_{i0} = 1.58$

teta=1.0	.033	.047	.057	.064	.067	.066	.064	.060	.057	.054	.050	.046	.041	.037	.031	.022
1.5	.049	.062	.074	.083	.089	.092	.092	.089	.085	.079	.074	.068	.061	.053	.043	
2.0	.065	.078	.089	.099	.106	.111	.113	.112	.109	.104	.096	.088	.079	.067	.052	
2.5	.080	.093	.104	.114	.121	.127	.130	.130	.128	.123	.116	.106	.092	.077	.056	
3.0	.095	.107	.118	.128	.135	.141	.144	.145	.143	.139	.130	.118	.103	.083		
3.5	.110	.122	.132	.141	.148	.153	.156	.157	.156	.149	.140	.128	.110			
4.0	.124	.135	.145	.154	.160	.165	.168	.168	.164	.157	.148	.135				
4.5	.136	.149	.158	.166	.172	.176	.178	.176	.171	.164						
5.0	.144	.158	.170	.177	.182	.186	.186	.183	.178							
6.0	.159	.172	.184	.195	.201	.201										
7.0	.168	.186	.197	.205												
8.0	.169	.192	.207													

mief= .173 .194 .208 .209 .209 .206 .198 .189 .180 .168 .154 .135 .112 .085 .056 .027

tetaf= 10.8 9.4 8.1 7.5 6.9 6.4 5.9 5.5 5.1 4.8 4.5 4.1 3.8 3.4 2.5 1.4

 $w=0.7$ Valores de m_i $n_{i0} = 1.68$

teta=1.0	.037	.049	.059	.066	.069	.070	.067	.064	.061	.058	.055	.051	.047	.043	.038	.032	.024
1.5	.055	.067	.078	.086	.092	.096	.096	.095	.091	.086	.081	.075	.069	.063	.055	.045	
2.0	.072	.084	.095	.104	.111	.116	.118	.119	.116	.112	.106	.098	.090	.081	.068	.054	
2.5	.090	.101	.112	.121	.128	.133	.136	.138	.136	.133	.127	.119	.108	.094	.079		
3.0	.106	.118	.128	.136	.143	.149	.152	.154	.153	.150	.144	.134	.120	.106	.083		
3.5	.123	.133	.143	.151	.158	.163	.166	.168	.167	.163	.154	.144	.131	.111			
4.0	.139	.149	.158	.165	.172	.176	.179	.180	.177	.171	.163	.153					
4.5	.153	.164	.172	.179	.185	.189	.191	.190	.185	.179	.171						
5.0	.162	.175	.186	.192	.197	.201	.200	.198	.193								
6.0	.179	.191	.203	.213	.219	.218	.216										
7.0	.192	.206	.217	.224													
8.0	.194	.216	.228														

mief= .197 .217 .228 .228 .228 .224 .216 .207 .197 .186 .173 .157 .136 .112 .084 .055 .027

tetaf= 10.3 9.0 8.0 7.4 6.9 6.4 6.0 5.6 5.3 4.9 4.6 4.3 4.0 3.7 3.2 2.3 1.3

 $w=0.8$ Valores de m_i $n_{i0} = 1.77$

teta=1.0	.041	.052	.062	.069	.072	.073	.071	.068	.065	.062	.059	.056	.052	.048	.044	.039	.034	.025
1.5	.060	.072	.082	.090	.096	.100	.101	.100	.097	.092	.088	.082	.077	.071	.065	.058	.046	
2.0	.080	.091	.101	.110	.116	.121	.124	.125	.123	.120	.115	.108	.101	.093	.083	.070	.054	
2.5	.099	.110	.119	.128	.135	.140	.143	.145	.144	.142	.138	.131	.123	.110	.096	.080		
3.0	.117	.128	.137	.145	.152	.157	.160	.162	.162	.160	.156	.148	.137	.123	.108			
3.5	.135	.145	.154	.161	.168	.173	.176	.178	.178	.176	.168	.159	.148	.135	.111			
4.0	.153	.162	.170	.177	.183	.188	.191	.192	.191	.185	.178	.169	.158					
4.5	.170	.178	.186	.192	.198	.202	.204	.204	.200	.194	.187							
5.0	.180	.192	.201	.207	.211	.215	.215	.212	.208	.203								
6.0	.198	.210	.221	.231	.236	.235	.233											
7.0	.215	.226	.237	.243														
8.0	.218	.240																

mief= .222 .240 .247 .247 .246 .243 .234 .225 .215 .204 .192 .178 .159 .137 .112 .083 .054 .026

tetaf= 9.9 8.7 7.9 7.4 6.9 6.5 6.1 5.7 5.4 5.1 4.8 4.5 4.2 3.9 3.6 3.0 2.2 1.2

TABELA 3c

ACO CA-50A delta=0.15 ntot= 6

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 ni

w=0.9

teta=1.0	.044	.055	.064	.071	.075	.076	.074	.072	.069	.066	.063	.060	.057	.053	.050	.046	.041	.036	.026
1.5	.066	.077	.086	.094	.100	.104	.105	.105	.102	.099	.094	.089	.084	.079	.073	.067	.060	.048	
2.0	.087	.097	.107	.115	.121	.126	.129	.131	.130	.127	.123	.117	.110	.103	.096	.085	.072	.054	
2.5	.108	.118	.127	.135	.141	.146	.150	.152	.151	.147	.142	.135	.125	.112	.098	.081			
3.0	.128	.137	.146	.154	.160	.165	.169	.171	.171	.170	.167	.162	.152	.140	.126	.108			
3.5	.148	.156	.165	.172	.178	.182	.186	.188	.188	.187	.182	.174	.164	.152	.135	.111			
4.0	.167	.175	.183	.189	.195	.199	.202	.204	.204	.199	.193	.185	.175	.160					
4.5	.185	.193	.200	.206	.211	.214	.217	.217	.214	.209	.202	.194							
5.0	.197	.209	.216	.222	.226	.230	.230	.227	.223	.218									
6.0	.217	.228	.239	.248	.254	.252	.250												
7.0	.236	.247	.257	.262															
8.0	.243	.263																	

mief= .246 .264 .267 .266 .265 .261 .252 .243 .233 .222 .210 .197 .182 .161 .137 .111 .082 .054 .026

tetaf= 9.6 8.5 7.9 7.4 6.9 6.5 6.1 5.8 5.5 5.2 4.9 4.6 4.4 4.1 3.8 3.5 2.8 2.0 1.1

ni0= 1.97

Valores de ni

w=1.0

teta=1.0	.048	.058	.067	.073	.077	.079	.078	.076	.073	.070	.067	.064	.061	.058	.055	.051	.047	.043	.038
1.5	.071	.081	.090	.098	.104	.108	.109	.110	.108	.104	.100	.096	.091	.086	.081	.076	.070	.062	.050
2.0	.094	.104	.113	.120	.127	.132	.135	.136	.136	.134	.131	.126	.120	.113	.106	.099	.087	.075	
2.5	.116	.126	.134	.142	.148	.153	.157	.159	.160	.159	.156	.152	.146	.139	.127	.114	.101	.081	
3.0	.138	.147	.155	.162	.168	.173	.177	.179	.180	.180	.177	.174	.166	.155	.143	.129	.108		
3.5	.160	.168	.175	.182	.188	.192	.196	.198	.199	.198	.195	.188	.179	.168	.157	.136			
4.0	.180	.188	.195	.201	.206	.210	.213	.215	.216	.212	.207	.199	.191	.180					
4.5	.200	.207	.214	.219	.224	.227	.230	.231	.228	.223	.217	.210	.201						
5.0	.214	.226	.232	.237	.241	.244	.245	.242	.238	.234	.227								
6.0	.236	.247	.257	.266	.271	.269	.267												
7.0	.256	.267	.276	.280															
8.0	.267	.284																	

mief= .270 .287 .286 .285 .283 .280 .271 .261 .251 .240 .228 .215 .202 .184 .162 .137 .110 .082 .053 .026

tetaf= 9.3 8.3 7.8 7.4 6.9 6.5 6.2 5.9 5.6 5.3 5.0 4.8 4.5 4.2 4.0 3.7 3.3 2.7 1.9 1.0

ni0= 2.06

Valores de ni

w=1.1

teta=1.0	.051	.061	.070	.076	.080	.082	.081	.079	.077	.074	.071	.069	.066	.063	.060	.056	.053	.049	.045	.039
1.5	.076	.086	.095	.102	.107	.111	.114	.114	.113	.110	.106	.102	.098	.093	.088	.083	.078	.072	.063	.052
2.0	.101	.110	.118	.126	.132	.137	.140	.142	.142	.141	.138	.134	.129	.123	.116	.109	.101	.089	.077	
2.5	.125	.134	.142	.149	.155	.160	.164	.166	.167	.167	.165	.161	.156	.150	.142	.130	.117	.104	.081	
3.0	.148	.157	.164	.171	.177	.182	.185	.188	.189	.189	.187	.184	.180	.170	.158	.146	.132	.109		
3.5	.171	.179	.186	.192	.198	.202	.205	.208	.209	.209	.208	.201	.193	.184	.173	.160	.136			
4.0	.193	.201	.207	.213	.218	.222	.225	.227	.228	.226	.220	.214	.206	.197	.184					
4.5	.215	.222	.227	.232	.237	.240	.243	.245	.242	.238	.232	.225	.217							
5.0	.231	.242	.247	.252	.255	.258	.260	.257	.254	.249	.243									
6.0	.254	.265	.275	.284	.289	.286	.284													
7.0	.277	.287	.295	.299																
8.0	.291	.304																		

mief= .293 .307 .305 .304 .302 .299 .289 .279 .269 .258 .246 .234 .220 .206 .185 .162 .137 .110 .081 .053 .026

tetaf= 9.1 8.2 7.7 7.3 6.9 6.5 6.2 6.0 5.7 5.4 5.1 4.9 4.6 4.4 4.1 3.9 3.6 3.2 2.5 1.8 0.9

ni0= 2.16

Valores de ni

w=1.2

teta=1.0	.055	.064	.072	.078	.082	.084	.084	.083	.080	.078	.075	.073	.070	.067	.064	.061	.058	.054	.051	.047	.041
1.5	.082	.091	.099	.106	.111	.115	.118	.119	.118	.116	.112	.108	.104	.100	.095	.091	.086	.081	.075	.065	.052
2.0	.108	.116	.124	.131	.137	.142	.146	.148	.148	.148	.145	.142	.137	.132	.126	.119	.113	.103	.091	.079	
2.5	.133	.142	.149	.156	.162	.167	.170	.173	.174	.174	.173	.170	.166	.161	.155	.144	.132	.119	.105		
3.0	.158	.166	.173	.180	.185	.190	.194	.196	.198	.198	.197	.195	.191	.184	.173	.162	.149	.133	.109		
3.5	.183	.190	.197	.203	.208	.212	.215	.218	.219	.219	.219	.215	.207	.199	.189	.177	.160	.137			
4.0	.207	.213	.219	.225	.229	.233	.236	.238	.239	.239	.234	.228	.220	.212	.202	.186					
4.5	.230	.236	.241	.246	.250	.253	.256	.258	.256	.252	.247	.240	.233	.225							
5.0	.248	.257	.262	.266	.270	.273	.275	.272	.269	.264	.259										
6.0	.273	.283	.293	.301	.306	.304	.301	.297													
7.0	.297	.306	.314	.318																	
8.0	.315	.325																			

mief= .316 .326 .324 .322 .320 .318 .308 .297 .287 .276 .264 .252 .239 .225 .208 .186 .162 .137 .109 .081 .053

tetaf= 8.8 8.1 7.7 7.3 6.9 6.6 6.3 6.0 5.7 5.5 5.2 5.0 4.8 4.5 4.3 4.0 3.8 3.5 3.0 2.4 1.7

TABELA 3d

ACO CA-50A delta=0.15 ntot= 6

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 ni		ni0= 2.35	
w=1.4		Valores de mi		ni0= 2.35	
teta=1.0	.062 .070 .078 .083 .088 .090 .091 .089 .087 .085 .083 .081 .078 .076 .073 .070 .067 .065 .061 .058 .055 .044				
1.5	.092 .100 .107 .114 .119 .123 .126 .127 .127 .126 .123 .120 .116 .113 .109 .105 .100 .096 .091 .087 .079				
2.0	.121 .129 .136 .143 .148 .153 .156 .159 .160 .160 .159 .157 .153 .149 .143 .138 .132 .126 .119 .108 .096				
2.5	.150 .157 .164 .170 .176 .180 .184 .187 .189 .189 .189 .187 .185 .181 .176 .170 .161 .149 .137 .125 .106				
3.0	.178 .185 .191 .197 .202 .207 .210 .213 .215 .216 .215 .214 .212 .209 .202 .192 .181 .169 .156 .134				
3.5	.206 .212 .218 .223 .228 .232 .235 .238 .239 .240 .240 .239 .234 .227 .218 .208 .198 .185 .162				
4.0	.232 .238 .243 .248 .252 .256 .259 .261 .262 .263 .261 .256 .249 .242 .233 .224 .210				
4.5	.258 .264 .268 .273 .276 .279 .282 .284 .284 .280 .276 .270 .263 .256 .248				
5.0	.281 .288 .292 .296 .299 .302 .304 .303 .299 .295 .289 .284				
6.0	.309 .319 .328 .337 .341 .338 .335 .331				
7.0	.337 .346 .352 .355				
8.0	.361				
mief=	.363 .365 .362 .360 .357 .354 .345 .334 .323 .312 .300 .288 .276 .263 .249 .232 .211 .187 .162 .136 .108 .052				
tetaf=	8.4 8.0 7.6 7.3 6.9 6.6 6.3 6.1 5.9 5.6 5.4 5.2 5.0 4.7 4.5 4.3 4.1 3.9 3.6 3.3 2.8 1.5				
w=1.6		Valores de ni		ni0= 2.55	
teta=1.0	.068 .076 .083 .089 .093 .095 .096 .096 .094 .092 .090 .088 .086 .084 .081 .079 .076 .074 .071 .068 .065 .059 .047				
1.5	.102 .109 .116 .122 .127 .131 .134 .136 .136 .136 .134 .131 .128 .125 .121 .117 .114 .110 .106 .102 .097 .083				
2.0	.134 .141 .148 .154 .159 .163 .167 .170 .171 .172 .172 .170 .168 .164 .160 .155 .150 .145 .140 .134 .124 .102				
2.5	.166 .173 .179 .185 .190 .194 .196 .201 .203 .204 .204 .203 .202 .199 .195 .191 .186 .178 .167 .155 .143 .106				
3.0	.197 .203 .209 .215 .219 .224 .227 .230 .232 .233 .233 .233 .232 .229 .226 .219 .210 .199 .188 .176 .158				
3.5	.228 .234 .239 .244 .248 .252 .255 .257 .259 .260 .261 .260 .259 .254 .246 .238 .228 .218 .207 .186 .162				
4.0	.258 .263 .268 .272 .276 .279 .282 .284 .286 .287 .287 .283 .277 .270 .263 .255 .246 .234				
4.5	.287 .291 .295 .299 .303 .306 .308 .310 .311 .309 .304 .299 .293 .286 .279 .271				
5.0	.314 .319 .323 .326 .329 .331 .333 .333 .329 .325 .320 .315 .308				
6.0	.346 .355 .364 .372 .376 .373 .370 .366				
7.0	.376 .385 .390 .393				
8.0	.402				
mief=	.406 .403 .400 .397 .394 .391 .382 .371 .360 .349 .337 .325 .313 .300 .286 .272 .257 .235 .212 .188 .162 .106 .052				
tetaf=	8.2 7.9 7.6 7.2 6.9 6.6 6.4 6.2 6.0 5.8 5.5 5.3 5.1 4.9 4.7 4.6 4.4 4.1 3.9 3.7 3.5 2.5 1.3				
w=1.8		Valores de ni		ni0= 2.74	
teta=1.0	.075 .082 .088 .094 .098 .101 .102 .102 .101 .099 .097 .095 .093 .091 .089 .087 .085 .082 .080 .077 .075 .070 .064				
1.5	.111 .118 .124 .130 .135 .139 .142 .144 .145 .145 .144 .142 .139 .136 .133 .130 .126 .123 .119 .115 .112 .104 .087				
2.0	.147 .153 .160 .165 .170 .174 .178 .181 .183 .184 .184 .183 .181 .179 .176 .172 .167 .162 .158 .153 .148 .128 .104				
2.5	.182 .188 .194 .199 .204 .208 .212 .215 .217 .218 .219 .219 .218 .216 .213 .210 .206 .201 .195 .184 .172 .150				
3.0	.216 .222 .227 .232 .237 .240 .244 .247 .249 .250 .251 .251 .250 .249 .247 .244 .237 .228 .217 .206 .195 .159				
3.5	.250 .255 .260 .264 .268 .272 .275 .277 .279 .281 .281 .281 .281 .280 .273 .265 .257 .248 .238 .228 .211				
4.0	.283 .287 .292 .296 .299 .302 .305 .307 .309 .310 .310 .310 .310 .304 .298 .291 .284 .276 .267 .258				
4.5	.314 .319 .322 .326 .329 .332 .334 .336 .337 .337 .333 .328 .322 .316 .309 .302 .294				
5.0	.345 .349 .353 .356 .358 .361 .363 .364 .360 .356 .351 .345 .340 .333				
6.0	.382 .391 .399 .408 .412 .408 .404 .400 .396				
7.0	.416 .424 .427 .430				
8.0	.442				
mief=	.444 .441 .438 .435 .431 .428 .420 .409 .397 .385 .374 .362 .349 .337 .324 .310 .296 .281 .259 .237 .213 .161 .106				
tetaf=	8.1 7.8 7.5 7.2 6.9 6.7 6.4 6.2 6.0 5.9 5.7 5.5 5.3 5.1 4.9 4.7 4.6 4.4 4.2 4.0 3.8 3.3 2.3				
w=2.0		Valores de ni		ni0= 2.93	
teta=1.0	.081 .088 .094 .099 .103 .106 .108 .108 .108 .106 .104 .102 .101 .099 .097 .095 .093 .090 .088 .086 .084 .079 .074				
1.5	.121 .127 .133 .138 .143 .147 .150 .152 .154 .154 .154 .152 .150 .147 .144 .141 .138 .135 .132 .128 .125 .118 .111				
2.0	.160 .166 .171 .176 .181 .185 .189 .192 .194 .195 .196 .195 .194 .193 .190 .187 .183 .179 .174 .170 .166 .154 .134				
2.5	.198 .203 .209 .214 .218 .222 .225 .228 .231 .232 .233 .234 .233 .232 .230 .228 .225 .221 .216 .211 .200 .179 .155				
3.0	.235 .240 .245 .250 .254 .258 .261 .264 .266 .267 .268 .269 .269 .268 .266 .264 .262 .255 .246 .236 .225 .203 .159				
3.5	.272 .276 .281 .285 .289 .292 .295 .297 .299 .301 .302 .302 .302 .301 .299 .292 .285 .277 .268 .258 .248 .212				
4.0	.307 .312 .316 .319 .323 .325 .328 .330 .332 .333 .334 .334 .332 .326 .320 .313 .305 .297 .289 .279 .261				
4.5	.342 .346 .349 .353 .355 .358 .360 .362 .363 .365 .362 .357 .351 .345 .339 .332 .325 .317				
5.0	.376 .379 .382 .385 .388 .390 .392 .393 .391 .386 .381 .376 .371 .365 .358				
6.0	.418 .426 .435 .443 .447 .443 .439 .435 .430				
7.0	.455 .462 .465 .467				
8.0					
mief=	.482 .479 .475 .472 .468 .465 .458 .446 .434 .423 .411 .398 .386 .374 .361 .347 .334 .320 .305 .284 .261 .213 .160				
tetaf=	8.0 7.7 7.5 7.2 7.0 6.7 6.5 6.3 6.1 5.9 5.8 5.6 5.4 5.2 5.1 4.9 4.7 4.6 4.4 4.2 4.0 3.7 3.1				

TABELA 4a

ACO CA-50A $\delta=0.05$ $n_{tot}=20$
 $n_i = 0.00 \ 0.10 \ 0.20 \ 0.30 \ 0.40 \ 0.50 \ 0.60 \ 0.70 \ 0.80 \ 0.90 \ 1.00 \ 1.10 \ 1.20 \ 1.30 \ 1.40 \ 1.50 \ 1.60 \ 1.70 \ 1.80 \ 1.90 \ 2.00 \ 2.20 \ 2.40$
 $w=0.1$ Valores de m_i $n_{i0} = 1.10$

teta=1.0	.010	.034	.047	.053	.050	.045	.041	.035	.029	.020
1.5	.016	.040	.057	.068	.072	.072	.067	.059	.051	.041
2.0	.021	.046	.065	.078	.085	.087	.084	.076	.065	.050
2.5	.026	.051	.071	.085	.094	.098	.096	.089	.075	.056
3.0	.031	.056	.077	.092	.102	.106	.104	.096	.081	.060
3.5	.033	.061	.082	.097	.107	.112	.110	.101	.085	.063
4.0	.035	.064	.087	.102	.112	.116	.113	.104	.088	
4.5	.036	.066	.090	.107	.116	.119	.116	.107		
5.0	.037	.068	.092	.110	.119	.122	.119			
6.0	.038	.070	.095	.113	.123					
7.0	.039	.072	.097	.115						
8.0	.040	.073	.099	.116						

mief= .041 .076 .100 .116 .125 .126 .119 .107 .089 .063 .032

tetaf= 12.6 14.2 10.3 8.1 6.8 5.8 5.1 4.5 4.0 3.6 2.5

 $w=0.2$ Valores de m_i $n_{i0} = 1.19$

teta=1.0	.018	.039	.052	.058	.059	.056	.052	.047	.043	.037
1.5	.028	.048	.064	.074	.079	.080	.076	.070	.062	.054
2.0	.037	.058	.074	.086	.094	.097	.095	.090	.080	.069
2.5	.046	.066	.084	.097	.105	.110	.110	.105	.094	.078
3.0	.054	.075	.092	.106	.115	.120	.120	.115	.103	.085
3.5	.061	.083	.101	.114	.123	.128	.128	.121	.108	.090
4.0	.064	.089	.108	.122	.131	.135	.133	.126	.112	
4.5	.067	.093	.114	.129	.137	.140	.137	.129		
5.0	.069	.096	.118	.134	.143	.144	.141			
6.0	.072	.100	.123	.139	.149					
7.0	.074	.103	.126	.142						
8.0	.075	.105	.128							

mief= .079 .109 .130 .144 .151 .151 .143 .130 .114 .092 .064 .032

tetaf= 13.4 12.7 9.8 8.0 6.8 6.0 5.3 4.8 4.3 3.9 3.3 2.2

 $w=0.3$ Valores de m_i $n_{i0} = 1.29$

teta=1.0	.026	.044	.056	.062	.064	.061	.058	.054	.050	.045
1.5	.038	.056	.071	.080	.086	.087	.085	.080	.073	.066
2.0	.051	.069	.084	.095	.103	.106	.106	.102	.095	.085
2.5	.063	.081	.096	.108	.116	.121	.122	.119	.112	.100
3.0	.075	.093	.108	.120	.129	.134	.135	.132	.123	.108
3.5	.085	.104	.119	.131	.140	.145	.145	.140	.130	.114
4.0	.091	.113	.130	.141	.150	.154	.152	.146	.135	.118
4.5	.096	.119	.138	.151	.158	.161	.158	.151		
5.0	.098	.124	.143	.158	.166	.166	.163			
6.0	.103	.129	.151	.165	.174	.176				
7.0	.106	.134	.155	.170						
8.0	.109	.136	.158							

mief= .115 .141 .159 .172 .177 .177 .167 .154 .139 .119 .095 .065 .032

tetaf= 13.9 11.6 9.4 7.9 6.8 6.0 5.5 5.0 4.5 4.1 3.7 3.1 1.9

 $w=0.4$ Valores de m_i $n_{i0} = 1.39$

teta=1.0	.032	.048	.060	.067	.069	.067	.064	.060	.056	.052
1.5	.048	.064	.077	.087	.093	.095	.093	.089	.083	.077
2.0	.064	.080	.093	.104	.111	.116	.116	.114	.108	.100
2.5	.079	.095	.108	.119	.128	.133	.135	.133	.128	.119
3.0	.094	.110	.123	.134	.142	.148	.150	.149	.142	.130
3.5	.108	.124	.137	.148	.156	.161	.163	.159	.150	.137
4.0	.117	.136	.151	.161	.169	.173	.172	.166	.157	.142
4.5	.123	.144	.161	.173	.180	.182	.179	.173	.162	
5.0	.127	.150	.168	.182	.189	.189	.186	.178		
6.0	.134	.158	.178	.191	.199	.201				
7.0	.138	.164	.183	.197						
8.0	.141	.167	.187							

mief= .148 .172 .188 .199 .204 .202 .192 .179 .163 .145 .123 .096 .065 .032

tetaf= 13.7 10.9 9.1 7.8 6.8 6.1 5.6 5.1 4.7 4.3 3.9 3.6 2.8 1.7

TABELA 4b

ACO CA-50A delta=0.05 ntot= 20

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 ni

ni0= 1.48

teta=1.0 .039 .053 .064 .071 .074 .073 .069 .066 .063 .059 .055 .050 .045 .039 .028
 1.5 .057 .072 .084 .093 .099 .102 .101 .098 .093 .087 .081 .074 .066 .053
 2.0 .076 .091 .103 .113 .120 .125 .126 .125 .121 .114 .105 .095 .080 .060
 2.5 .094 .108 .121 .131 .139 .144 .147 .146 .143 .136 .124 .108 .088 .065
 3.0 .113 .126 .138 .148 .156 .162 .164 .164 .159 .150 .136 .116 .094
 3.5 .130 .143 .155 .165 .172 .178 .180 .177 .170 .159 .143 .123
 4.0 .142 .159 .171 .180 .188 .192 .191 .187 .178 .165 .149
 4.5 .149 .169 .184 .196 .201 .203 .200 .194 .184
 5.0 .155 .176 .193 .206 .212 .212 .208 .201
 6.0 .163 .186 .205 .217 .225 .226
 7.0 .169 .193 .210 .224
 8.0 .173 .197 .215

mief= .181 .202 .217 .226 .230 .228 .218 .204 .188 .170 .150 .126 .097 .065 .032

tetaf= 12.6 10.4 8.8 7.7 6.9 6.2 5.7 5.2 4.8 4.5 4.1 3.8 3.4 2.5 1.5

w=0.6

Valores de ni

ni0= 1.58

teta=1.0 .045 .058 .069 .075 .078 .078 .075 .072 .069 .065 .062 .057 .053 .048 .042 .030
 1.5 .066 .080 .091 .100 .106 .109 .109 .107 .102 .097 .091 .085 .078 .070 .056
 2.0 .088 .101 .113 .122 .129 .134 .136 .135 .132 .127 .119 .111 .099 .083 .062
 2.5 .109 .122 .133 .143 .150 .156 .159 .159 .157 .152 .143 .129 .112 .091
 3.0 .130 .142 .153 .163 .170 .175 .179 .179 .177 .169 .156 .140 .120 .096
 3.5 .151 .162 .173 .182 .189 .194 .197 .195 .189 .180 .166 .148 .126
 4.0 .165 .181 .192 .200 .207 .211 .211 .207 .199 .188 .172
 4.5 .174 .193 .207 .218 .223 .224 .222 .216 .207 .194
 5.0 .182 .201 .218 .230 .236 .235 .231 .224
 6.0 .192 .214 .232 .243 .250 .251
 7.0 .199 .222 .238 .251
 8.0 .204 .226 .243

mief= .213 .231 .245 .253 .256 .254 .244 .229 .213 .196 .176 .154 .128 .098 .065 .032

tetaf= 11.8 10.0 8.6 7.6 6.9 6.3 5.8 5.4 5.0 4.6 4.3 4.0 3.7 3.2 2.3 1.3

w=0.7

Valores de ni

ni0= 1.68

teta=1.0 .050 .063 .073 .080 .083 .083 .081 .078 .075 .072 .068 .064 .060 .056 .051 .046 .031
 1.5 .075 .088 .098 .107 .113 .116 .117 .115 .111 .106 .101 .096 .090 .083 .074 .058
 2.0 .099 .112 .122 .131 .138 .143 .145 .146 .143 .139 .133 .125 .116 .103 .086 .064
 2.5 .123 .135 .146 .154 .162 .167 .170 .171 .170 .167 .160 .149 .133 .115 .093
 3.0 .147 .158 .168 .177 .184 .189 .193 .194 .193 .187 .177 .163 .144 .123
 3.5 .170 .181 .190 .199 .205 .210 .214 .213 .209 .200 .188 .172 .152 .129
 4.0 .188 .202 .212 .220 .226 .230 .230 .227 .220 .210 .196 .179
 4.5 .199 .217 .230 .240 .245 .245 .243 .238 .230 .217
 5.0 .209 .227 .243 .254 .259 .259 .254 .248 .237
 6.0 .220 .241 .258 .269 .276 .276
 7.0 .230 .250 .266 .278
 8.0 .235 .256 .271

mief= .244 .260 .273 .280 .282 .280 .270 .255 .238 .221 .202 .181 .157 .129 .096 .065 .032

tetaf= 11.2 9.7 8.5 7.6 6.9 6.3 5.8 5.5 5.1 4.8 4.5 4.1 3.9 3.6 2.9 2.1 1.2

w=0.8

Valores de ni

ni0= 1.77

teta=1.0 .056 .068 .077 .084 .088 .088 .086 .084 .081 .078 .074 .071 .068 .064 .059 .055 .049 .032
 1.5 .084 .095 .105 .113 .119 .123 .124 .123 .120 .116 .111 .106 .100 .094 .088 .077 .060
 2.0 .111 .122 .132 .140 .147 .152 .155 .156 .154 .151 .146 .139 .131 .121 .107 .088
 2.5 .137 .148 .158 .166 .173 .178 .182 .183 .183 .181 .176 .167 .154 .137 .118 .096
 3.0 .164 .174 .183 .191 .198 .203 .207 .209 .208 .204 .196 .183 .168 .148 .126
 3.5 .190 .199 .208 .216 .222 .227 .230 .231 .227 .219 .209 .195 .177 .156
 4.0 .210 .224 .232 .239 .245 .249 .249 .247 .240 .231 .219 .203 .184
 4.5 .224 .240 .253 .262 .266 .267 .265 .259 .252 .240 .226
 5.0 .234 .252 .268 .278 .283 .282 .277 .271 .261 .248
 6.0 .248 .269 .285 .295 .301 .301
 7.0 .260 .278 .293 .305
 8.0 .265 .285 .299

mief= .274 .289 .300 .307 .309 .306 .297 .281 .264 .246 .228 .207 .185 .159 .130 .098 .065 .032

tetaf= 10.8 9.4 8.4 7.5 6.9 6.3 5.9 5.6 5.2 4.9 4.6 4.3 4.0 3.7 3.4 2.7 2.0 1.0

TABELA 4c

ACO CA-50A delta=0.05 ntot= 20

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 ni

ni0= 1.87

teta=1.0	.062	.073	.082	.088	.092	.093	.092	.089	.087	.084	.081	.078	.074	.071	.067	.063	.058	.051				
1.5	.092	.103	.112	.120	.126	.130	.131	.131	.129	.125	.120	.115	.110	.105	.099	.093	.080	.061				
2.0	.122	.132	.142	.150	.156	.161	.164	.165	.165	.162	.158	.152	.145	.138	.126	.110	.090					
2.5	.151	.161	.170	.178	.185	.190	.194	.195	.196	.194	.191	.184	.173	.158	.141	.120	.097					
3.0	.180	.190	.198	.206	.212	.217	.221	.223	.223	.221	.214	.203	.190	.172	.151	.128						
3.5	.208	.217	.225	.233	.239	.243	.247	.248	.245	.239	.229	.217	.200	.181	.159							
4.0	.233	.244	.252	.259	.264	.268	.269	.267	.261	.252	.241	.226	.209									
4.5	.249	.264	.276	.284	.288	.288	.287	.281	.273	.264	.250											
5.0	.260	.277	.292	.302	.307	.306	.300	.294	.285	.272												
6.0	.276	.297	.311	.321	.326	.327																
7.0	.289	.306	.321	.331																		
8.0	.295	.314	.326																			

mief= .304 .318 .328 .334 .335 .332 .324 .307 .290 .272 .253 .233 .212 .188 .161 .131 .098 .065 .032

tetaf= 10.4 9.2 8.3 7.5 6.9 6.4 6.0 5.6 5.3 5.0 4.7 4.4 4.2 3.9 3.6 3.2 2.6 1.8 0.9

w=1.0

Valores de ni

ni0= 1.97

teta=1.0	.067	.078	.086	.093	.097	.098	.097	.095	.092	.090	.087	.084	.081	.077	.074	.070	.066	.062	.053
1.5	.100	.110	.119	.127	.133	.136	.138	.139	.137	.133	.129	.125	.120	.115	.110	.104	.097	.083	.063
2.0	.133	.142	.151	.159	.165	.170	.173	.175	.175	.173	.170	.165	.158	.152	.143	.130	.114	.093	
2.5	.165	.174	.182	.190	.196	.201	.205	.207	.208	.207	.204	.200	.191	.179	.163	.144	.123		
3.0	.196	.205	.213	.220	.226	.231	.235	.237	.238	.237	.232	.223	.210	.195	.176	.154	.130		
3.5	.227	.235	.243	.250	.255	.260	.263	.265	.263	.258	.249	.238	.224	.206	.186	.162			
4.0	.255	.265	.272	.278	.283	.287	.289	.286	.281	.273	.263	.249	.233	.215					
4.5	.273	.287	.299	.306	.310	.310	.308	.303	.295	.287	.273	.258							
5.0	.285	.302	.317	.326	.330	.329	.324	.317	.309	.296									
6.0	.304	.324	.337	.346	.352	.352	.350												
7.0	.318	.334	.348	.358															
8.0	.325	.343	.354																

mief= .333 .347 .355 .361 .361 .359 .350 .334 .316 .298 .279 .259 .238 .216 .190 .162 .131 .098 .065 .032

tetaf= 10.1 9.0 8.2 7.5 6.9 6.4 6.0 5.7 5.4 5.1 4.8 4.6 4.3 4.1 3.8 3.6 3.1 2.4 1.7 0.8

w=1.1

Valores de ni

ni0= 2.06

teta=1.0	.073	.083	.091	.097	.101	.103	.102	.100	.098	.095	.093	.090	.087	.084	.081	.078	.074	.070	.066	.055
1.5	.108	.118	.126	.134	.139	.143	.146	.146	.145	.142	.138	.134	.130	.125	.120	.115	.110	.101	.085	.064
2.0	.143	.153	.161	.168	.174	.179	.183	.185	.185	.184	.181	.177	.171	.165	.158	.148	.133	.116	.095	
2.5	.178	.187	.195	.202	.208	.213	.217	.219	.220	.220	.218	.214	.208	.198	.183	.167	.147	.126		
3.0	.212	.220	.228	.235	.241	.245	.249	.252	.253	.253	.249	.241	.230	.216	.200	.179	.158			
3.5	.246	.253	.260	.267	.272	.276	.280	.282	.281	.277	.269	.258	.246	.229	.210	.190				
4.0	.276	.286	.292	.298	.303	.307	.308	.306	.302	.294	.284	.272	.257	.239						
4.5	.297	.310	.321	.328	.332	.332	.330	.325	.317	.309	.297	.282								
5.0	.311	.327	.341	.350	.354	.353	.347	.340	.332	.320										
6.0	.332	.351	.363	.372	.377	.377	.375													
7.0	.346	.362	.375	.385																
8.0	.354	.371	.382																	

mief= .362 .375 .382 .388 .388 .385 .377 .361 .343 .324 .305 .285 .265 .243 .219 .192 .163 .131 .098 .065 .031

tetaf= 9.9 8.8 8.1 7.4 6.9 6.4 6.1 5.8 5.5 5.2 4.9 4.7 4.4 4.2 4.0 3.7 3.5 2.9 2.3 1.6 0.7

w=1.2

Valores de ni

ni0= 2.16

teta=1.0	.078	.087	.095	.102	.106	.108	.108	.106	.103	.101	.098	.096	.093	.090	.087	.084	.081	.078	.074	.070	.057
1.5	.116	.125	.134	.141	.146	.150	.153	.153	.153	.150	.147	.143	.139	.135	.130	.126	.121	.115	.104	.087	
2.0	.154	.163	.171	.178	.184	.188	.192	.194	.195	.194	.192	.188	.184	.178	.172	.164	.153	.137	.118	.097	
2.5	.191	.200	.207	.214	.220	.225	.228	.231	.232	.232	.231	.228	.224	.215	.203	.188	.171	.150	.128		
3.0	.228	.236	.243	.249	.255	.259	.263	.266	.267	.267	.266	.259	.250	.237	.222	.204	.183	.160			
3.5	.264	.271	.278	.284	.289	.293	.296	.299	.299	.295	.289	.279	.267	.253	.234	.215	.192				
4.0	.298	.306	.312	.317	.322	.326	.328	.326	.322	.315	.305	.295	.280	.263	.245						
4.5	.321	.333	.344	.350	.354	.354	.351	.347	.339	.331	.320	.306	.290								
5.0	.336	.352	.365	.374	.378	.377	.371	.364	.356	.345	.331										
6.0	.360	.379	.389	.398	.403	.403	.401														
7.0	.374	.389	.403	.411																	
8.0	.384	.399	.409																		

mief= .390 .403 .409 .415 .414 .411 .403 .388 .369 .351 .331 .312 .291 .269 .246 .221 .194 .164 .131 .098 .065

tetaf= 9.7 8.7 8.0 7.4 6.9 6.5 6.1 5.8 5.5 5.3 5.0 4.8 4.5 4.3 4.1 3.9 3.6 3.3 2.7 2.1 1.4

TABELA 4d

ACO CA-50A delta=0.05 ntot= 20

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= 2.35

Valores de ni

valores de m

=1.4

teta=1.0	.089	.097	.105	.111	.115	.117	.118	.117	.114	.112	.110	.108	.105	.103	.100	.097	.094	.092	.089	.085	.082	.060
1.5	.132	.140	.148	.154	.160	.164	.167	.168	.168	.167	.164	.161	.157	.153	.149	.145	.141	.136	.132	.124	.110	
2.0	.175	.183	.190	.197	.202	.207	.210	.213	.214	.214	.213	.211	.207	.203	.197	.192	.186	.175	.160	.144	.123	
2.5	.218	.225	.232	.238	.243	.248	.252	.254	.256	.257	.256	.255	.252	.248	.239	.228	.213	.197	.177	.156		
3.0	.259	.266	.272	.278	.283	.288	.291	.294	.296	.297	.297	.293	.286	.277	.264	.249	.231	.211	.189			
3.5	.300	.307	.312	.318	.322	.327	.330	.332	.334	.331	.326	.319	.308	.296	.281	.263	.244	.223				
4.0	.340	.346	.352	.356	.361	.364	.367	.365	.362	.356	.347	.337	.326	.310	.293	.275						
4.5	.367	.378	.389	.394	.397	.397	.395	.391	.384	.375	.366	.353	.338	.322								
5.0	.386	.401	.414	.422	.425	.424	.418	.411	.402	.393	.380											
6.0	.415	.431	.441	.449	.454	.453	.451															
7.0	.430	.444	.457	.464																		
8.0	.442	.454																				

455 464 524 544 564 584 604 624 644 664 684 704 724 744 764 784 804 824 844 864 884 904 924 944 964 984

mief= .448 .458 .463 .468 .467 .464 .455 .442 .423 .404 .384 .364 .344 .322 .300 .277 .253 .225 .196 .164 .131 .065

tetaf= 9.3 8.5 7.9 7.4 6.9 6.5 6.2 5.9 5.6 5.4 5.2 5.0 4.7 4.5 4.3 4.1 3.9 3.7 3.5 3.0 2.4 1.3

Valores de ni

ni0= 2.55

		Valores de m																						
m=1.6	teta=1.0	.099	.107	.114	.120	.124	.126	.127	.127	.125	.123	.121	.119	.117	.114	.112	.110	.107	.105	.102	.099	.096	.090	.062
	1.5	.148	.155	.162	.168	.173	.177	.180	.182	.183	.182	.180	.178	.174	.171	.167	.164	.160	.156	.152	.148	.142	.115	
	2.0	.196	.203	.210	.216	.221	.225	.229	.232	.233	.234	.233	.232	.230	.226	.222	.217	.212	.206	.196	.183	.168	.128	
	2.5	.243	.250	.256	.262	.267	.271	.275	.278	.280	.281	.281	.281	.279	.276	.272	.263	.253	.238	.222	.203	.183		
	3.0	.290	.296	.302	.307	.312	.316	.320	.323	.325	.326	.326	.325	.321	.314	.304	.291	.276	.259	.239	.217	.194		
	3.5	.336	.342	.347	.352	.356	.360	.363	.366	.367	.367	.363	.357	.349	.337	.325	.310	.292	.273	.252	.228			
	4.0	.381	.386	.391	.396	.399	.403	.405	.405	.402	.397	.390	.380	.369	.357	.341	.324	.305						
	4.5	.413	.424	.433	.438	.441	.441	.438	.435	.428	.420	.410	.400	.386	.370	.354								
	5.0	.436	.451	.462	.469	.473	.471	.466	.458	.450	.440	.429	.415											
	6.0	.470	.483	.492	.501	.504	.504	.502																
	7.0	.485	.499	.510	.517																			
	8.0	.499	.509																					

mief= .505 .512 .517 .522 .519 .516 .508 .497 .478 .458 .438 .417 .397 .376 .354 .331 .308 .284 .257 .228 .197 .131 .064

tetaf= 9.0 8.4 7.8 7.3 6.9 6.6 6.2 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 2.2 1.1

Valores de ni

ni0= 2.74

m=1.8

teta=1.0	.110	.117	.123	.129	.133	.136	.137	.137	.136	.134	.132	.130	.128	.126	.124	.122	.119	.117	.115	.112	.110	.104	.097
1.5	.163	.170	.177	.182	.187	.191	.194	.196	.197	.197	.196	.194	.191	.188	.185	.182	.178	.175	.171	.168	.164	.151	.119
2.0	.217	.223	.229	.235	.240	.244	.247	.250	.252	.253	.253	.253	.251	.248	.245	.241	.237	.232	.227	.218	.206	.174	.130
2.5	.269	.275	.281	.286	.291	.295	.299	.301	.304	.305	.306	.306	.305	.303	.300	.296	.288	.277	.263	.247	.230	.189	
3.0	.321	.326	.332	.336	.341	.345	.348	.351	.353	.355	.355	.355	.354	.348	.341	.331	.317	.303	.286	.266	.246		
3.5	.372	.377	.382	.386	.390	.394	.397	.399	.401	.402	.400	.394	.388	.378	.367	.354	.339	.321	.302	.282	.258		
4.0	.422	.426	.431	.435	.438	.441	.444	.445	.442	.437	.432	.422	.412	.401	.388	.371	.354	.335					
4.5	.459	.469	.478	.482	.485	.485	.482	.479	.473	.465	.455	.445	.434	.419	.402	.385							
5.0	.486	.500	.510	.517	.520	.519	.514	.506	.497	.488	.478	.464	.449										
6.0	.525	.535	.544	.552	.555	.555	.553	.549															
7.0	.541	.554	.564	.570																			
8.0	.555	.564																					

mief= .561 .567 .571 .575 .572 .568 .561 .550 .533 .512 .492 .471 .450 .429 .407 .385 .363 .339 .315 .288 .260 .197 .131

tetaf= 8.8 8.2 7.8 7.3 6.9 6.6 6.3 6.0 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 2.9 2.0

Valores de ni

ni0= 2.93

m=2.0

teta=1.0	.120	.127	.133	.138	.142	.145	.146	.147	.146	.145	.143	.141	.139	.137	.135	.133	.131	.129	.127	.125	.122	.118	.113
1.5	.179	.185	.191	.196	.201	.205	.208	.210	.212	.212	.212	.210	.208	.205	.202	.199	.196	.193	.190	.186	.183	.176	.157
2.0	.237	.243	.249	.254	.258	.263	.266	.269	.271	.272	.273	.273	.272	.270	.267	.264	.260	.256	.252	.247	.239	.214	.179
2.5	.294	.300	.305	.310	.315	.319	.322	.325	.327	.329	.330	.330	.330	.329	.327	.324	.320	.312	.301	.288	.272	.236	.193
3.0	.351	.356	.361	.366	.370	.373	.377	.379	.382	.383	.384	.385	.385	.382	.376	.368	.358	.344	.330	.314	.294	.252	
3.5	.407	.412	.416	.420	.424	.427	.430	.433	.435	.436	.436	.431	.426	.419	.408	.396	.383	.368	.350	.331	.311		
4.0	.462	.466	.470	.474	.477	.480	.483	.484	.482	.477	.473	.465	.455	.444	.433	.419	.402	.384	.366	.346			
4.5	.504	.515	.522	.527	.529	.529	.526	.522	.518	.509	.500	.490	.480	.467	.451	.434							
5.0	.535	.549	.558	.565	.568	.566	.562	.554	.545	.535	.525	.514	.499										
6.0	.578	.587	.596	.603	.606	.606	.603	.600															
7.0	.596	.609	.618	.623																			
8.0	.610	.619																					

mief= .616 .621 .625 .628 .625 .621 .614 .603 .587 .567 .546 .525 .504 .483 .461 .439 .417 .394 .370 .346 .319 .263 .197

tetaf= 8.6 8.1 7.7 7.3 6.9 6.6 6.3 6.1 5.9 5.7 5.5 5.3 5.2 5.0 4.8 4.6 4.5 4.3 4.2 4.0 3.8 3.5 2.7

TABELA 5a

ACO CA-50A delta=0.10 ntot= 20

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 ni

ni0= 1.10

teta=1.0 .009 .033 .046 .052 .052 .049 .044 .040 .034 .028 .019
 1.5 .014 .039 .056 .066 .071 .070 .065 .058 .049 .039 .025
 2.0 .019 .044 .063 .076 .083 .085 .082 .074 .062 .048 .029
 2.5 .023 .049 .068 .083 .092 .095 .093 .086 .073 .054 .031
 3.0 .028 .053 .074 .089 .098 .103 .101 .094 .079 .058
 3.5 .031 .058 .078 .094 .104 .108 .107 .098 .083 .062
 4.0 .033 .061 .082 .098 .108 .113 .110 .102 .086
 4.5 .034 .064 .086 .102 .112 .116 .113 .104
 5.0 .035 .065 .089 .105 .115 .118 .115
 6.0 .036 .068 .092 .109 .120
 7.0 .038 .069 .094 .112
 8.0 .038 .070 .095 .113

mief= .040 .073 .097 .113 .122 .122 .116 .104 .087 .062 .031

tetaf= 13.6 14.0 10.2 8.1 6.8 5.9 5.1 4.6 4.0 3.6 2.5

w=0.2

Valores de ni

ni0= 1.19

teta=1.0 .016 .037 .049 .056 .057 .053 .050 .045 .041 .035 .029 .020
 1.5 .025 .045 .061 .071 .076 .077 .073 .067 .059 .051 .041 .026
 2.0 .033 .053 .070 .082 .090 .093 .091 .086 .076 .065 .050 .030
 2.5 .040 .061 .078 .091 .100 .105 .104 .100 .090 .075 .056
 3.0 .048 .069 .086 .100 .109 .114 .114 .110 .099 .082 .060
 3.5 .055 .076 .093 .107 .116 .121 .122 .116 .104 .086
 4.0 .059 .083 .100 .114 .123 .128 .127 .120 .108
 4.5 .062 .087 .107 .120 .129 .132 .131 .123
 5.0 .064 .090 .111 .125 .134 .136 .134
 6.0 .067 .094 .116 .132 .141
 7.0 .069 .097 .119 .136
 8.0 .071 .099 .122

mief= .075 .103 .124 .138 .144 .143 .136 .125 .109 .089 .062 .031

tetaf= 14.6 12.3 9.6 8.0 6.8 6.0 5.4 4.8 4.3 3.9 3.4 2.2

w=0.3

Valores de ni

ni0= 1.29

teta=1.0 .023 .040 .053 .059 .061 .058 .055 .051 .047 .042 .036 .030 .022
 1.5 .034 .052 .066 .076 .081 .083 .080 .075 .068 .061 .053 .043 .027
 2.0 .045 .063 .078 .089 .096 .100 .100 .096 .089 .079 .068 .052
 2.5 .055 .073 .088 .100 .109 .114 .115 .112 .105 .094 .077 .057
 3.0 .066 .083 .098 .111 .119 .125 .126 .124 .116 .102 .084 .061
 3.5 .076 .093 .108 .120 .129 .134 .136 .132 .123 .108 .088
 4.0 .083 .103 .117 .129 .137 .142 .143 .138 .128 .112
 4.5 .088 .110 .126 .137 .145 .149 .148 .142 .131
 5.0 .091 .114 .132 .145 .152 .155 .152 .146
 6.0 .096 .120 .140 .155 .163 .164
 7.0 .099 .124 .145 .159
 8.0 .101 .127 .148

mief= .107 .132 .150 .162 .167 .164 .156 .146 .131 .113 .090 .061 .030

tetaf= 14.3 11.2 9.2 7.8 6.8 6.1 5.5 5.0 4.5 4.1 3.7 3.1 2.0

w=0.4

Valores de ni

ni0= 1.39

teta=1.0 .028 .044 .056 .062 .065 .063 .060 .056 .052 .048 .043 .038 .032 .024
 1.5 .042 .058 .071 .081 .086 .089 .087 .083 .077 .071 .064 .055 .046 .028
 2.0 .056 .072 .085 .096 .103 .107 .108 .106 .100 .092 .082 .070 .054
 2.5 .069 .085 .098 .109 .117 .122 .124 .123 .118 .110 .097 .079 .058
 3.0 .082 .097 .111 .122 .130 .135 .138 .137 .132 .121 .106 .085
 3.5 .095 .110 .123 .133 .142 .147 .149 .147 .140 .128 .112 .090
 4.0 .105 .122 .134 .144 .152 .157 .158 .155 .146 .133
 4.5 .111 .131 .145 .155 .162 .166 .165 .160 .151
 5.0 .117 .137 .153 .165 .171 .173 .171 .165
 6.0 .123 .145 .163 .177 .184 .185
 7.0 .127 .150 .169 .183
 8.0 .130 .154 .173

mief= .137 .159 .176 .186 .190 .187 .178 .167 .153 .136 .116 .091 .061 .030

tetaf= 12.9 10.5 8.9 7.7 6.8 6.2 5.7 5.2 4.7 4.3 4.0 3.6 2.9 1.7

TABELA 5b

ACO CA-50A delta=0.10 ntot= 20

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 ni

ni0= 1.48

teta=1.0 .033 .048 .059 .066 .068 .067 .064 .061 .057 .054 .050 .045 .040 .034 .025
 1.5 .050 .064 .077 .086 .092 .094 .094 .090 .085 .079 .073 .066 .058 .048 .029
 2.0 .066 .080 .093 .103 .110 .114 .116 .115 .110 .104 .095 .086 .073 .055
 2.5 .082 .096 .108 .118 .126 .131 .134 .134 .130 .124 .114 .099 .081 .060
 3.0 .097 .111 .123 .133 .141 .146 .149 .149 .146 .138 .125 .108 .087
 3.5 .112 .125 .137 .147 .154 .160 .162 .162 .157 .147 .133 .114 .091
 4.0 .126 .140 .151 .160 .167 .172 .174 .171 .164 .154 .138
 4.5 .134 .151 .164 .172 .179 .183 .183 .178 .170 .158
 5.0 .140 .157 .174 .184 .190 .192 .190 .184
 6.0 .146 .167 .186 .199 .206 .206
 7.0 .155 .176 .194 .206
 8.0 .158 .181 .198

mief= .167 .186 .201 .210 .212 .209 .199 .188 .174 .158 .140 .118 .091 .060 .030

tetaf= 12.0 10.1 8.7 7.7 6.9 6.2 5.8 5.3 4.9 4.5 4.2 3.8 3.5 2.6 1.5

w=0.6

Valores de ni

ni0= 1.58

teta=1.0 .038 .052 .062 .069 .072 .072 .069 .066 .063 .059 .055 .051 .047 .042 .036 .026
 1.5 .057 .071 .082 .091 .097 .100 .100 .097 .093 .088 .082 .076 .069 .061 .050
 2.0 .076 .089 .100 .110 .117 .121 .124 .123 .120 .115 .107 .099 .089 .075 .056
 2.5 .094 .106 .118 .127 .135 .140 .143 .144 .142 .137 .130 .118 .102 .083
 3.0 .112 .124 .135 .144 .152 .157 .160 .161 .159 .154 .144 .129 .110 .089
 3.5 .129 .141 .151 .160 .167 .172 .175 .176 .173 .165 .153 .137 .117
 4.0 .146 .157 .167 .175 .182 .187 .189 .187 .182 .172 .159 .142
 4.5 .156 .171 .182 .190 .196 .200 .200 .196 .189 .178
 5.0 .163 .181 .194 .204 .209 .211 .209 .203 .195
 6.0 .173 .194 .209 .221 .227 .228
 7.0 .181 .201 .218 .230
 8.0 .185 .208 .223

mief= .195 .212 .225 .233 .235 .231 .221 .210 .196 .180 .163 .142 .119 .091 .060 .029

tetaf= 11.2 9.7 8.5 7.6 6.9 6.3 5.9 5.5 5.1 4.7 4.4 4.0 3.7 3.3 2.4 1.4

w=0.7

Valores de ni

ni0= 1.68

teta=1.0 .043 .056 .066 .072 .076 .076 .074 .071 .068 .064 .061 .057 .053 .049 .044 .039 .027
 1.5 .064 .077 .087 .096 .102 .105 .106 .104 .100 .096 .090 .085 .079 .072 .065 .051
 2.0 .085 .097 .108 .117 .124 .129 .131 .131 .129 .125 .118 .111 .103 .092 .077 .058
 2.5 .106 .117 .128 .137 .144 .149 .152 .153 .152 .149 .143 .134 .121 .104 .085
 3.0 .126 .137 .147 .155 .162 .168 .171 .173 .172 .169 .161 .148 .133 .112 .090
 3.5 .145 .156 .165 .173 .180 .185 .188 .190 .188 .182 .171 .158 .140 .119
 4.0 .164 .174 .183 .191 .197 .202 .205 .204 .199 .191 .179 .164 .146
 4.5 .177 .191 .200 .207 .213 .217 .217 .214 .207 .198 .185
 5.0 .186 .202 .215 .224 .228 .229 .228 .223 .215
 6.0 .198 .217 .232 .244 .249 .249
 7.0 .207 .226 .242 .253
 8.0 .213 .233 .248

mief= .222 .238 .250 .257 .258 .254 .243 .231 .218 .202 .185 .166 .145 .120 .090 .060 .029

tetaf= 10.7 9.4 8.4 7.5 6.9 6.3 5.9 5.6 5.2 4.8 4.5 4.2 3.9 3.6 3.1 2.2 1.2

w=0.8

Valores de ni

ni0= 1.77

teta=1.0 .048 .060 .069 .076 .079 .080 .078 .075 .073 .069 .066 .063 .059 .055 .051 .047 .041 .028
 1.5 .071 .083 .093 .101 .107 .110 .112 .111 .108 .103 .098 .093 .088 .082 .076 .068 .053
 2.0 .094 .105 .116 .124 .131 .136 .138 .139 .138 .134 .129 .122 .115 .107 .096 .079 .059
 2.5 .117 .128 .137 .146 .153 .158 .161 .163 .163 .160 .156 .149 .138 .124 .107 .086
 3.0 .139 .149 .159 .167 .173 .179 .182 .184 .184 .182 .176 .166 .152 .135 .114
 3.5 .161 .170 .179 .187 .193 .198 .201 .203 .203 .198 .189 .177 .162 .143 .120
 4.0 .182 .191 .199 .206 .212 .216 .219 .220 .216 .209 .199 .185 .168
 4.5 .197 .210 .219 .225 .230 .234 .235 .232 .226 .218 .206
 5.0 .208 .223 .235 .243 .247 .248 .247 .242 .235
 6.0 .223 .240 .255 .266 .271 .271 .266
 7.0 .232 .251 .267 .276
 8.0 .240 .258 .272

mief= .248 .264 .274 .280 .281 .276 .266 .253 .240 .224 .208 .189 .169 .147 .121 .090 .059 .029

tetaf= 10.3 9.2 8.3 7.5 6.9 6.4 6.0 5.7 5.3 5.0 4.7 4.4 4.1 3.8 3.5 2.9 2.1 1.1

TABELA 5c

ACO CA-50A delta=0.10 ntot= 20

		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	.053	.064	.073	.079	.083	.084	.083	.080	.077	.074	.071	.068	.065	.061	.058	.054	.049	.044						
1.5	.078	.089	.098	.106	.112	.116	.117	.117	.115	.111	.106	.101	.096	.091	.085	.079	.076	.054						
2.0	.103	.114	.123	.131	.138	.143	.146	.147	.146	.144	.139	.134	.127	.120	.111	.098	.081							
2.5	.128	.138	.147	.155	.162	.167	.170	.172	.173	.171	.167	.162	.155	.142	.127	.109	.088							
3.0	.152	.162	.170	.178	.184	.190	.193	.195	.196	.194	.191	.183	.171	.156	.137	.116								
3.5	.176	.185	.193	.200	.206	.211	.214	.216	.217	.213	.206	.196	.183	.165	.145									
4.0	.199	.208	.215	.222	.227	.231	.234	.236	.232	.226	.217	.205	.190											
4.5	.217	.229	.237	.242	.247	.251	.252	.250	.244	.236	.226	.212												
5.0	.230	.244	.255	.262	.267	.267	.266	.261	.254	.245														
6.0	.247	.263	.277	.288	.292	.292	.287																	
7.0	.257	.276	.291	.299																				
8.0	.267	.283	.297																					
mief=	.274	.289	.298	.303	.303	.299	.288	.275	.262	.247	.230	.212	.193	.172	.148	.120	.090	.059	.028					
tetaf=	10.0	8.9	8.2	7.5	6.9	6.4	6.1	5.7	5.4	5.1	4.8	4.5	4.2	4.0	3.7	3.4	2.7	1.9	1.0					
w=1.0		Valores de mi																						ni0= 1.97
teta=1.0	.057	.067	.076	.082	.086	.088	.087	.085	.082	.079	.076	.074	.070	.067	.064	.060	.056	.052	.046					
1.5	.085	.095	.104	.111	.117	.121	.123	.123	.121	.118	.114	.109	.105	.100	.095	.089	.083	.072	.055					
2.0	.112	.122	.131	.138	.145	.150	.153	.154	.154	.152	.149	.144	.138	.131	.124	.115	.100	.082						
2.5	.139	.148	.157	.164	.171	.176	.179	.182	.182	.181	.179	.175	.169	.159	.146	.130	.110	.089						
3.0	.165	.174	.182	.189	.196	.200	.204	.206	.207	.207	.205	.199	.189	.175	.159	.139	.118							
3.5	.191	.199	.207	.214	.219	.224	.227	.229	.230	.228	.223	.213	.202	.186	.168	.147								
4.0	.216	.224	.231	.237	.242	.246	.249	.251	.249	.244	.235	.225	.211	.194										
4.5	.237	.248	.254	.260	.264	.268	.269	.267	.263	.255	.246	.233												
5.0	.251	.264	.275	.282	.286	.287	.285	.280	.274	.265														
6.0	.271	.286	.300	.310	.314	.314	.309																	
7.0	.283	.300	.314	.323																				
8.0	.293	.308	.321																					
mief=	.300	.314	.322	.326	.326	.321	.311	.298	.284	.269	.252	.235	.216	.196	.174	.149	.120	.089	.059	.028				
tetaf=	9.7	8.8	8.1	7.4	6.9	6.5	6.1	5.8	5.5	5.2	4.9	4.6	4.4	4.1	3.9	3.6	3.2	2.5	1.8	0.9				
w=1.1		Valores de mi																						ni0= 2.06
teta=1.0	.061	.071	.080	.086	.090	.092	.091	.089	.087	.084	.081	.079	.076	.073	.070	.066	.063	.059	.055	.048				
1.5	.091	.101	.110	.117	.122	.126	.129	.129	.128	.125	.121	.117	.113	.108	.103	.098	.093	.087	.074	.057				
2.0	.121	.130	.138	.146	.152	.157	.160	.162	.162	.161	.158	.154	.149	.142	.136	.129	.118	.103	.084					
2.5	.150	.159	.167	.174	.180	.185	.189	.191	.192	.192	.190	.186	.181	.175	.163	.149	.132	.112						
3.0	.178	.186	.194	.201	.207	.211	.215	.218	.219	.219	.217	.214	.205	.194	.179	.162	.141	.119						
3.5	.206	.214	.221	.227	.233	.237	.240	.243	.244	.243	.238	.231	.220	.207	.190	.171	.149							
4.0	.233	.240	.247	.253	.257	.261	.264	.266	.265	.261	.253	.243	.231	.215	.198									
4.5	.257	.266	.272	.277	.282	.285	.287	.285	.281	.274	.265	.253	.239											
5.0	.273	.285	.295	.301	.305	.306	.304	.300	.293	.285	.274													
6.0	.295	.309	.322	.332	.336	.336	.331																	
7.0	.308	.325	.338	.346																				
8.0	.319	.333	.346																					
mief=	.326	.338	.346	.350	.349	.344	.334	.321	.306	.291	.275	.257	.239	.219	.198	.176	.149	.120	.089	.059	.028			
tetaf=	9.5	8.7	8.0	7.4	6.9	6.5	6.1	5.9	5.6	5.3	5.0	4.8	4.5	4.3	4.0	3.8	3.6	3.0	2.4	1.7	0.8			
w=1.2		Valores de mi																						ni0= 2.16
teta=1.0	.066	.075	.083	.089	.093	.095	.095	.094	.091	.089	.086	.084	.081	.078	.075	.072	.069	.065	.062	.058	.049			
1.5	.098	.107	.115	.122	.128	.132	.134	.135	.134	.132	.128	.125	.120	.116	.112	.107	.102	.097	.090	.076	.058			
2.0	.130	.138	.146	.153	.159	.164	.167	.169	.170	.169	.167	.164	.159	.153	.147	.141	.133	.121	.105	.086				
2.5	.161	.169	.176	.183	.189	.194	.198	.200	.201	.202	.200	.198	.193	.188	.179	.167	.152	.134	.114					
3.0	.191	.199	.206	.212	.218	.223	.226	.229	.230	.230	.229	.227	.221	.212	.198	.183	.164	.144						
3.5	.221	.228	.235	.241	.246	.250	.253	.256	.257	.257	.254	.248	.238	.226	.211	.193	.174							
4.0	.250	.257	.263	.268	.273	.277	.279	.282	.281	.277	.271	.261	.251	.236	.220									
4.5	.276	.285	.290	.295	.299	.302	.304	.302	.299	.292	.284	.274	.260											
5.0	.294	.305	.315	.321	.324	.325	.323	.320	.313	.305	.295													
6.0	.318	.332	.345	.354	.357	.358	.352																	
7.0	.333	.349	.361	.369																				
8.0	.344	.358																						
mief=	.352	.362	.370	.373	.372	.367	.357	.343	.329	.314	.297	.280	.262	.243	.222	.201	.177	.150	.119	.089	.058			
tetaf=	9.3	8.6	7.9	7.4	6.9	6.5	6.2	5.9	5.6	5.4	5.1	4.9	4.6	4.4	4.2	3.9	3.7	3.5	2.9	2.2	1.5			

TABELA 5d

ACO CA-50A delta=0.10 ntot= 20

		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	.074	.083	.090	.096	.100	.103	.103	.102	.100	.098	.096	.093	.091	.088	.086	.083	.080	.077	.074	.071	.068	.052	
	1.5	.111	.119	.126	.133	.138	.142	.145	.146	.146	.145	.142	.139	.135	.132	.128	.124	.119	.115	.110	.105	.095		
	2.0	.146	.154	.161	.168	.173	.178	.182	.184	.185	.185	.184	.182	.178	.174	.169	.163	.158	.151	.141	.126	.108		
	2.5	.182	.189	.196	.202	.207	.212	.216	.219	.220	.221	.221	.219	.216	.213	.208	.200	.188	.173	.158	.138	.117		
	3.0	.216	.223	.229	.235	.240	.245	.248	.251	.253	.254	.253	.252	.250	.243	.234	.221	.206	.188	.168	.147			
	3.5	.250	.256	.262	.267	.272	.276	.279	.282	.284	.284	.284	.279	.273	.262	.250	.236	.218	.199	.178				
	4.0	.283	.289	.294	.299	.303	.307	.310	.312	.313	.310	.305	.298	.288	.277	.262	.246							
	4.5	.314	.321	.325	.330	.333	.336	.339	.338	.334	.329	.321	.312	.301	.287									
	5.0	.335	.345	.355	.360	.363	.364	.361	.358	.352	.344	.335	.324											
	6.0	.364	.377	.390	.397	.401	.402	.396	.389															
	7.0	.382	.397	.408	.415																			
	8.0	.394	.407																					
mief=		.403	.411	.417	.419	.417	.412	.403	.389	.374	.359	.343	.326	.308	.289	.270	.249	.228	.205	.178	.149	.119	.058	
tetaf=	9.0	8.4	7.8	7.3	6.9	6.6	6.3	6.0	5.8	5.5	5.3	5.1	4.8	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	.083	.091	.097	.103	.107	.110	.111	.110	.109	.107	.105	.103	.100	.098	.096	.093	.091	.088	.086	.083	.080	.074	.054
	1.5	.123	.131	.138	.144	.149	.153	.156	.158	.158	.157	.156	.153	.150	.146	.143	.139	.135	.132	.127	.123	.119	.099	
	2.0	.163	.170	.177	.183	.188	.192	.196	.199	.200	.201	.201	.199	.197	.193	.189	.184	.179	.174	.168	.159	.146	.112	
	2.5	.202	.209	.215	.221	.226	.230	.234	.237	.239	.240	.240	.240	.238	.235	.232	.227	.220	.209	.195	.180	.162		
	3.0	.241	.247	.253	.258	.263	.267	.270	.273	.275	.276	.277	.276	.275	.272	.265	.257	.244	.230	.213	.193	.173		
	3.5	.279	.284	.290	.294	.299	.303	.306	.308	.310	.311	.311	.310	.304	.297	.286	.274	.261	.243	.224	.205			
	4.0	.316	.321	.326	.330	.334	.337	.340	.342	.344	.343	.338	.333	.324	.314	.303	.289	.271	.254					
	4.5	.351	.356	.361	.364	.368	.371	.373	.373	.370	.366	.359	.350	.340	.329	.314								
	5.0	.376	.386	.394	.398	.401	.402	.400	.397	.391	.384	.375	.366	.353										
	6.0	.409	.423	.435	.441	.444	.445	.440	.433															
	7.0	.431	.445	.454	.461																			
	8.0	.443	.456																					
mief=		.452	.459	.464	.465	.463	.458	.449	.435	.420	.404	.389	.372	.354	.335	.316	.296	.276	.254	.232	.206	.179	.118	.057
tetaf=	8.8	8.3	7.7	7.3	6.9	6.6	6.3	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	2.4	1.2	
w=1.8		Valores de mi																						ni0= 2.74
teta=	1.0	.091	.098	.105	.110	.114	.117	.118	.119	.117	.116	.114	.112	.110	.107	.105	.103	.101	.099	.096	.094	.091	.086	.080
	1.5	.136	.143	.149	.155	.159	.164	.167	.169	.170	.170	.168	.166	.164	.161	.157	.154	.151	.147	.144	.140	.136	.128	.104
	2.0	.180	.186	.192	.198	.203	.207	.210	.213	.215	.216	.216	.216	.214	.211	.208	.204	.200	.195	.190	.185	.177	.152	.115
	2.5	.223	.229	.235	.240	.245	.249	.252	.255	.257	.259	.260	.259	.258	.257	.254	.251	.247	.240	.229	.216	.202	.166	
	3.0	.265	.271	.276	.281	.285	.289	.293	.296	.298	.299	.300	.300	.299	.298	.295	.288	.279	.266	.252	.237	.218	.177	
	3.5	.307	.312	.317	.321	.325	.329	.332	.334	.336	.338	.338	.338	.335	.329	.322	.311	.299	.285	.268	.250	.230		
	4.0	.348	.352	.357	.361	.364	.367	.370	.372	.374	.374	.371	.367	.360	.351	.340	.329	.314	.297	.280				
	4.5	.388	.392	.396	.399	.402	.405	.407	.408	.405	.402	.396	.388	.378	.368	.356	.341							
	5.0	.416	.426	.433	.437	.440	.441	.438	.435	.431	.423	.415	.406	.396										
	6.0	.455	.468	.479	.485	.488	.489	.484	.476															
	7.0	.481	.493	.501	.507																			
	8.0	.493	.505																					
mief=		.500	.507	.512	.511	.509	.503	.495	.482	.466	.450	.434	.418	.400	.381	.362	.343	.323	.302	.281	.259	.234	.178	.117
tetaf=	8.6	8.1	7.7	7.3	6.9	6.6	6.4	6.1	5.9	5.7	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	.099	.106	.112	.117	.121	.124	.126	.126	.126	.124	.122	.121	.119	.117	.115	.113	.111	.109	.106	.104	.102	.097	.092
	1.5	.148	.154	.160	.166	.170	.174	.177	.180	.181	.181	.181	.179	.177	.174	.171	.168	.165	.162	.159	.156	.152	.145	.134
	2.0	.196	.202	.207	.213	.217	.222	.225	.228	.230	.231	.232	.232	.231	.229	.226	.223	.219	.215	.211	.206	.202	.185	.157
	2.5	.243	.249	.254	.259	.263	.267	.271	.274	.276	.278	.279	.279	.279	.277	.276	.273	.270	.266	.260	.250	.238	.208	.170
	3.0	.290	.295	.300	.304	.308	.312	.315	.318	.320	.322	.323	.323	.323	.322	.321	.318	.310	.302	.289	.275	.261	.222	
	3.5	.335	.340	.344	.348	.352	.355	.358	.361	.363	.364	.365	.366	.365	.360	.354	.346	.335	.323	.310	.293	.275	.235	
	4.0	.380	.384	.388	.392	.395	.398	.400	.403	.404	.405	.404	.400	.395	.387	.377	.366	.355	.340	.323	.306			
	4.5	.424	.427	.431	.434	.437	.440	.442	.443	.441	.437	.433	.426	.417	.407	.397	.383	.368						
	5.0	.457	.466	.472	.476	.478	.479	.477	.474	.470	.463	.455	.446	.436	.425									
	6.0	.500	.513	.524	.529	.531	.532	.528	.521	.512														
	7.0	.529	.540	.547	.553																			
	8.0	.542	.554																					
mief=		.548	.554	.559	.557	.554	.549	.540	.528	.512	.496	.480	.464	.446	.428	.409	.390	.370	.350	.329	.308	.286	.236	.177
tetaf=	8.5	8.0	7.6	7.3	6.9	6.7	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.8	4.6	4.4	4.2	4.1	3.9	3.6	2.9	

TABELA 6a

ACO CA-50A $\delta=0.15$ $n_{tot}=20$
 $n_i = 0.00 \ 0.10 \ 0.20 \ 0.30 \ 0.40 \ 0.50 \ 0.60 \ 0.70 \ 0.80 \ 0.90 \ 1.00 \ 1.10 \ 1.20 \ 1.30 \ 1.40 \ 1.50 \ 1.60 \ 1.70 \ 1.80 \ 1.90 \ 2.00 \ 2.20 \ 2.40$
 $w=0.1$
Valores de n_i $n_{i0} = 1.10$

teta=1.0	.009	.032	.046	.051	.051	.048	.043	.039	.033	.027	.018
1.5	.013	.037	.054	.065	.069	.069	.064	.056	.048	.038	.024
2.0	.017	.042	.061	.074	.081	.083	.080	.072	.061	.047	.028
2.5	.021	.046	.066	.081	.089	.093	.091	.084	.071	.053	.030
3.0	.025	.050	.071	.086	.096	.100	.099	.091	.077	.057	
3.5	.029	.054	.075	.091	.101	.105	.104	.096	.082	.060	
4.0	.031	.058	.079	.094	.105	.109	.108	.099	.084		
4.5	.032	.061	.082	.098	.108	.112	.110	.102			
5.0	.034	.063	.085	.101	.111	.115	.112				
6.0	.035	.065	.089	.106	.115						
7.0	.036	.067	.091	.108							
8.0	.037	.068	.092	.110							

 $n_{ief} = .039 \ .071 \ .094 \ .110 \ .118 \ .118 \ .113 \ .102 \ .085 \ .061 \ .030$
 $tetaf = 14.8 \ 13.5 \ 10.1 \ 8.1 \ 6.8 \ 5.9 \ 5.2 \ 4.6 \ 4.1 \ 3.6 \ 2.5$
 $w=0.2$
Valores de n_i $n_{i0} = 1.19$

teta=1.0	.015	.035	.048	.054	.055	.052	.048	.043	.039	.033	.027	.018
1.5	.022	.043	.058	.068	.073	.074	.070	.064	.057	.048	.038	.025
2.0	.029	.050	.067	.079	.086	.089	.088	.082	.073	.061	.047	.028
2.5	.036	.057	.074	.087	.096	.100	.100	.095	.086	.072	.053	
3.0	.043	.063	.081	.094	.103	.108	.109	.104	.095	.079	.057	
3.5	.050	.070	.087	.101	.110	.115	.115	.111	.100	.083		
4.0	.055	.076	.093	.106	.116	.120	.121	.115	.104			
4.5	.058	.081	.099	.112	.120	.125	.124	.118				
5.0	.060	.085	.104	.116	.125	.129	.127					
6.0	.064	.089	.109	.124	.133	.135						
7.0	.066	.092	.113	.128								
8.0	.067	.094	.115									

 $n_{ief} = .071 \ .098 \ .118 \ .131 \ .137 \ .135 \ .129 \ .120 \ .105 \ .086 \ .060 \ .029$
 $tetaf = 15.6 \ 11.7 \ 9.4 \ 7.9 \ 6.8 \ 6.0 \ 5.4 \ 4.8 \ 4.3 \ 3.9 \ 3.5 \ 2.3$
 $w=0.3$
Valores de n_i $n_{i0} = 1.29$

teta=1.0	.020	.038	.050	.056	.058	.056	.052	.048	.044	.039	.034	.027	.019
1.5	.030	.048	.062	.072	.077	.079	.076	.071	.064	.057	.049	.039	.025
2.0	.039	.057	.072	.084	.091	.095	.095	.091	.083	.073	.062	.048	.028
2.5	.049	.066	.082	.093	.102	.107	.108	.105	.098	.088	.073	.054	
3.0	.058	.075	.090	.102	.111	.117	.118	.116	.109	.097	.080	.058	
3.5	.067	.084	.099	.111	.119	.125	.126	.124	.116	.103	.084		
4.0	.075	.092	.107	.118	.127	.132	.133	.130	.121	.107			
4.5	.080	.100	.114	.125	.133	.138	.138	.134	.124				
5.0	.084	.105	.121	.132	.139	.143	.142	.137					
6.0	.089	.112	.129	.142	.150	.151							
7.0	.092	.115	.134	.148									
8.0	.094	.118	.137										

 $n_{ief} = .100 \ .123 \ .140 \ .151 \ .156 \ .153 \ .146 \ .137 \ .125 \ .108 \ .086 \ .059 \ .028$
 $tetaf = 13.3 \ 10.7 \ 9.0 \ 7.8 \ 6.8 \ 6.2 \ 5.6 \ 5.0 \ 4.6 \ 4.2 \ 3.8 \ 3.2 \ 2.0$
 $w=0.4$
Valores de n_i $n_{i0} = 1.39$

teta=1.0	.025	.041	.052	.059	.061	.059	.056	.052	.048	.044	.040	.034	.028	.021
1.5	.037	.053	.066	.075	.081	.083	.082	.077	.072	.065	.058	.050	.041	.026
2.0	.048	.064	.078	.089	.096	.100	.101	.098	.093	.084	.075	.064	.049	
2.5	.060	.075	.089	.100	.108	.113	.115	.114	.109	.101	.089	.074	.054	
3.0	.071	.086	.100	.111	.119	.125	.127	.126	.122	.113	.099	.080		
3.5	.082	.097	.110	.121	.129	.134	.136	.136	.131	.120	.105	.085		
4.0	.093	.107	.120	.130	.138	.143	.145	.143	.136	.125	.109			
4.5	.101	.117	.129	.139	.146	.150	.152	.149	.141					
5.0	.106	.124	.138	.147	.153	.158	.157	.153						
6.0	.112	.133	.149	.161	.167	.169								
7.0	.117	.138	.155	.168										
8.0	.120	.142	.159											

 $n_{ief} = .126 \ .147 \ .162 \ .171 \ .175 \ .171 \ .163 \ .155 \ .143 \ .128 \ .109 \ .086 \ .057 \ .028$
 $tetaf = 12.0 \ 10.1 \ 8.7 \ 7.7 \ 6.9 \ 6.3 \ 5.7 \ 5.2 \ 4.8 \ 4.4 \ 4.0 \ 3.6 \ 3.0 \ 1.8$

TABELA 6b

ACO CA-50A delta=0.15 ntot= 20

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 ni		ni0= 1.48	
w=0.5		Valores de ni		ni0= 1.48	
teta=1.0	.029 .044 .055 .061 .064 .063 .060 .056 .053 .049 .045 .040 .035 .029 .022				
1.5	.043 .058 .070 .079 .085 .087 .084 .078 .073 .066 .059 .051 .042 .026				
2.0	.057 .071 .084 .094 .101 .105 .107 .106 .101 .094 .086 .076 .066 .050				
2.5	.070 .084 .097 .107 .115 .120 .123 .122 .119 .113 .104 .091 .075 .055				
3.0	.084 .097 .109 .119 .127 .133 .135 .135 .133 .127 .116 .100 .081				
3.5	.096 .109 .121 .131 .138 .144 .146 .147 .144 .136 .123 .107 .086				
4.0	.109 .122 .133 .142 .149 .154 .156 .156 .151 .142 .129				
4.5	.119 .133 .144 .152 .159 .163 .165 .163 .157 .147				
5.0	.126 .142 .154 .162 .168 .172 .172 .168				
6.0	.135 .153 .168 .179 .185 .186				
7.0	.140 .160 .176 .188				
8.0	.144 .164 .181				
mief=	.152 .170 .183 .191 .194 .189 .181 .172 .161 .147 .130 .110 .086 .056 .027				
tetaf=	11.1 9.7 8.5 7.6 6.9 6.3 5.8 5.4 5.0 4.6 4.2 3.9 3.5 2.7 1.6				
w=0.6		Valores de ni		ni0= 1.58	
teta=1.0	.033 .047 .057 .064 .067 .066 .064 .060 .057 .054 .050 .046 .041 .037 .031 .023				
1.5	.049 .062 .074 .083 .089 .092 .092 .089 .085 .079 .074 .068 .061 .053 .044				
2.0	.065 .078 .089 .099 .106 .111 .113 .112 .109 .104 .096 .088 .079 .067 .051				
2.5	.080 .093 .104 .114 .121 .127 .130 .130 .128 .123 .116 .107 .093 .076 .055				
3.0	.095 .107 .118 .128 .135 .141 .144 .145 .143 .139 .131 .119 .102 .081				
3.5	.110 .122 .132 .141 .148 .153 .156 .157 .156 .150 .140 .126 .108				
4.0	.124 .135 .145 .154 .160 .165 .168 .169 .165 .158 .147 .131				
4.5	.137 .149 .158 .166 .172 .176 .178 .177 .172 .163				
5.0	.146 .160 .170 .177 .182 .186 .187 .184 .177				
6.0	.157 .173 .187 .197 .202 .203				
7.0	.163 .181 .196 .208				
8.0	.169 .187 .203				
mief=	.176 .193 .204 .211 .213 .208 .199 .190 .179 .166 .150 .132 .111 .085 .056 .026				
tetaf=	10.6 9.3 8.4 7.5 6.9 6.4 5.9 5.5 5.1 4.8 4.4 4.1 3.8 3.4 2.5 1.4				
w=0.7		Valores de ni		ni0= 1.68	
teta=1.0	.037 .049 .059 .066 .069 .070 .067 .064 .061 .058 .055 .051 .047 .043 .038 .032 .023				
1.5	.055 .067 .078 .086 .092 .096 .096 .095 .091 .086 .081 .075 .069 .063 .055 .045				
2.0	.072 .084 .095 .104 .111 .116 .118 .119 .116 .112 .106 .098 .090 .081 .069 .052				
2.5	.090 .101 .112 .121 .128 .133 .136 .138 .136 .133 .127 .119 .109 .094 .077				
3.0	.106 .118 .128 .136 .143 .149 .152 .154 .153 .150 .145 .135 .121 .103 .082				
3.5	.123 .133 .143 .151 .158 .163 .166 .168 .167 .164 .156 .144 .128 .109				
4.0	.139 .149 .158 .165 .172 .176 .179 .180 .179 .173 .163 .150				
4.5	.154 .164 .172 .179 .185 .189 .191 .191 .187 .179 .169				
5.0	.164 .177 .186 .192 .197 .201 .202 .199 .193				
6.0	.177 .192 .205 .215 .220 .220 .217				
7.0	.185 .203 .217 .227				
8.0	.192 .209 .224				
mief=	.199 .215 .225 .231 .232 .227 .218 .208 .197 .185 .170 .153 .133 .111 .084 .055 .026				
tetaf=	10.2 9.1 8.2 7.5 6.9 6.4 6.0 5.6 5.3 4.9 4.6 4.3 4.0 3.7 3.2 2.4 1.3				
w=0.8		Valores de ni		ni0= 1.77	
teta=1.0	.041 .052 .062 .069 .072 .073 .071 .068 .065 .062 .059 .056 .052 .048 .044 .039 .034 .024				
1.5	.060 .072 .082 .090 .096 .100 .101 .100 .097 .092 .088 .082 .077 .071 .065 .058 .046				
2.0	.080 .091 .101 .110 .116 .121 .124 .125 .123 .120 .115 .108 .101 .093 .084 .070 .052				
2.5	.099 .110 .119 .128 .135 .140 .143 .145 .144 .142 .138 .131 .123 .111 .096 .078				
3.0	.117 .128 .137 .145 .152 .157 .160 .162 .162 .160 .156 .149 .138 .123 .104 .083				
3.5	.135 .145 .154 .161 .168 .173 .176 .178 .178 .176 .170 .160 .147 .130 .110				
4.0	.153 .162 .170 .177 .183 .188 .191 .192 .192 .187 .179 .168 .153				
4.5	.170 .178 .186 .192 .198 .202 .204 .205 .202 .195 .186				
5.0	.182 .194 .201 .207 .211 .215 .217 .215 .209 .202				
6.0	.197 .212 .224 .233 .238 .237 .235				
7.0	.207 .224 .237 .247				
8.0	.214 .231 .246				
mief=	.222 .237 .246 .251 .251 .246 .236 .226 .215 .203 .189 .173 .155 .134 .111 .083 .054 .025				
tetaf=	9.8 8.9 8.1 7.4 6.9 6.5 6.1 5.7 5.4 5.1 4.7 4.4 4.1 3.9 3.6 3.0 2.2 1.2				

TABELA 6c

ACO CA-50A delta=0.15 ntot= 20

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 ni

ni0= 1.87

teta=1.0	.044	.055	.064	.071	.075	.076	.074	.072	.069	.066	.063	.060	.057	.053	.050	.046	.041	.036	.025
1.5	.066	.077	.086	.094	.100	.104	.105	.105	.102	.099	.094	.089	.084	.079	.073	.067	.060	.048	
2.0	.087	.097	.107	.115	.121	.126	.129	.131	.130	.127	.123	.117	.110	.103	.096	.086	.072	.053	
2.5	.108	.118	.127	.135	.141	.146	.150	.152	.151	.147	.142	.135	.126	.113	.097	.079			
3.0	.128	.137	.146	.154	.160	.165	.169	.171	.171	.170	.167	.162	.153	.140	.124	.105			
3.5	.148	.156	.165	.172	.178	.182	.186	.188	.188	.187	.183	.176	.164	.150	.132	.111			
4.0	.167	.175	.183	.189	.195	.199	.202	.204	.204	.201	.194	.184	.172	.156					
4.5	.185	.193	.200	.206	.211	.214	.217	.218	.216	.211	.202	.192							
5.0	.199	.210	.216	.222	.226	.230	.231	.230	.225	.218									
6.0	.217	.231	.242	.251	.255	.255	.252												
7.0	.228	.244	.257	.266															
8.0	.236	.253																	

mief= .245 .258 .267 .270 .270 .265 .255 .244 .233 .221 .208 .193 .175 .156 .135 .111 .082 .054 .025

tetaf= 9.5 8.7 8.0 7.4 6.9 6.5 6.2 5.8 5.5 5.2 4.9 4.6 4.3 4.0 3.8 3.5 2.8 2.0 1.0

w=1.0

Valores de ni

ni0= 1.97

teta=1.0	.048	.058	.067	.073	.077	.079	.078	.076	.073	.070	.067	.064	.061	.058	.055	.051	.047	.043	.038
1.5	.071	.081	.090	.098	.104	.108	.109	.110	.108	.104	.100	.096	.091	.086	.081	.076	.070	.062	.048
2.0	.094	.104	.113	.120	.127	.132	.135	.136	.136	.134	.131	.126	.120	.113	.106	.099	.088	.073	
2.5	.116	.126	.134	.142	.148	.153	.157	.159	.160	.159	.156	.152	.146	.139	.129	.115	.099	.080	
3.0	.138	.147	.155	.162	.168	.173	.177	.179	.180	.180	.177	.174	.167	.157	.143	.126	.106		
3.5	.160	.168	.175	.182	.188	.192	.196	.198	.199	.198	.196	.190	.180	.168	.152	.133			
4.0	.180	.188	.195	.201	.206	.210	.213	.215	.216	.214	.209	.200	.189	.175					
4.5	.200	.207	.214	.219	.224	.227	.230	.232	.230	.226	.218	.209							
5.0	.217	.226	.232	.237	.241	.244	.246	.245	.241	.234	.226								
6.0	.236	.250	.260	.269	.273	.272	.270												
7.0	.250	.265	.277	.286															
8.0	.258	.274																	

mief= .268 .279 .287 .290 .289 .284 .274 .263 .251 .239 .226 .212 .195 .177 .158 .136 .110 .081 .053 .025

tetaf= 9.3 8.6 7.9 7.4 6.9 6.5 6.2 5.9 5.6 5.3 5.0 4.7 4.5 4.2 3.9 3.7 3.4 2.7 1.9 0.9

w=1.1

Valores de ni

ni0= 2.06

teta=1.0	.051	.061	.070	.076	.080	.082	.081	.079	.077	.074	.071	.069	.066	.063	.060	.056	.053	.049	.045	.040
1.5	.076	.086	.095	.102	.107	.111	.114	.114	.113	.110	.106	.102	.098	.093	.088	.083	.078	.072	.064	.049
2.0	.101	.110	.118	.126	.132	.137	.140	.142	.142	.141	.138	.134	.129	.123	.116	.109	.102	.090	.074	
2.5	.125	.134	.142	.149	.155	.160	.164	.166	.167	.167	.165	.161	.156	.150	.143	.131	.117	.100	.081	
3.0	.148	.157	.164	.171	.177	.182	.185	.188	.189	.189	.187	.184	.180	.172	.160	.145	.127	.107		
3.5	.171	.179	.186	.192	.198	.202	.205	.208	.209	.209	.208	.203	.196	.184	.171	.154	.135			
4.0	.193	.201	.207	.213	.218	.222	.225	.227	.228	.227	.223	.216	.206	.194	.178					
4.5	.215	.222	.227	.232	.237	.240	.243	.245	.244	.240	.234	.225	.214							
5.0	.234	.242	.247	.252	.255	.258	.261	.260	.257	.250	.243									
6.0	.256	.269	.278	.287	.290	.289	.287													
7.0	.271	.285	.297	.305																
8.0	.280	.296																		

mief= .290 .300 .307 .309 .309 .303 .292 .281 .270 .257 .245 .231 .215 .198 .179 .159 .136 .109 .081 .053 .024

tetaf= 9.1 8.5 7.8 7.4 6.9 6.6 6.3 6.0 5.7 5.4 5.1 4.9 4.6 4.3 4.1 3.9 3.6 3.2 2.5 1.8 0.9

w=1.2

Valores de ni

ni0= 2.16

teta=1.0	.055	.064	.072	.078	.082	.084	.084	.083	.080	.078	.075	.073	.070	.067	.064	.061	.058	.054	.051	.047	.041
1.5	.082	.091	.099	.106	.111	.115	.118	.119	.118	.116	.112	.108	.104	.100	.095	.091	.086	.081	.075	.066	.050
2.0	.108	.116	.124	.131	.137	.142	.146	.148	.148	.148	.145	.142	.137	.132	.126	.119	.113	.104	.092	.075	
2.5	.133	.142	.149	.156	.162	.167	.170	.173	.174	.174	.173	.170	.166	.161	.155	.146	.134	.119	.101		
3.0	.158	.166	.173	.180	.185	.190	.194	.196	.198	.198	.197	.195	.191	.185	.176	.162	.147	.128	.108		
3.5	.183	.190	.197	.203	.208	.212	.215	.218	.219	.219	.219	.216	.210	.200	.188	.173	.155	.136			
4.0	.207	.213	.219	.225	.229	.233	.236	.238	.239	.239	.236	.231	.222	.211	.197	.181					
4.5	.230	.236	.241	.246	.250	.253	.256	.258	.258	.255	.249	.241	.231								
5.0	.251	.257	.262	.266	.270	.273	.275	.275	.272	.267	.259										
6.0	.275	.288	.296	.305	.308	.307	.305	.300													
7.0	.292	.305	.317	.325																	
8.0	.302	.318																			

mief= .311 .320 .327 .329 .328 .323 .312 .300 .288 .276 .263 .250 .235 .218 .200 .181 .160 .136 .109 .080 .052

tetaf= 9.0 8.4 7.8 7.3 6.9 6.6 6.3 6.0 5.7 5.5 5.2 5.0 4.7 4.5 4.2 4.0 3.8 3.6 3.0 2.4 1.7

TABELA 6d

ACO CA-50A delta=0.15 ntot= 20

		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 ni																						ni0= 2.35
teta=	1.0	.062	.070	.078	.083	.088	.090	.091	.089	.087	.085	.083	.081	.078	.076	.073	.070	.067	.065	.061	.058	.055	.044	
	1.5	.092	.100	.107	.114	.119	.123	.126	.127	.127	.126	.123	.120	.116	.113	.109	.105	.100	.096	.091	.087	.081		
	2.0	.121	.129	.136	.143	.148	.153	.156	.159	.160	.160	.159	.157	.153	.149	.143	.138	.132	.126	.120	.109	.095		
	2.5	.150	.157	.164	.170	.176	.180	.184	.187	.189	.189	.189	.187	.185	.181	.176	.170	.163	.152	.138	.122	.103		
	3.0	.178	.185	.191	.197	.202	.207	.210	.213	.215	.216	.215	.214	.212	.209	.203	.194	.182	.167	.150	.131			
	3.5	.206	.212	.218	.223	.228	.232	.235	.238	.239	.240	.240	.239	.236	.229	.220	.208	.195	.177	.159				
	4.0	.232	.238	.243	.248	.252	.256	.259	.261	.262	.263	.263	.258	.252	.243	.232	.219	.203						
	4.5	.258	.264	.268	.273	.276	.279	.282	.284	.285	.283	.279	.272	.264	.254									
	5.0	.283	.288	.292	.296	.299	.302	.304	.305	.302	.299	.292	.283											
	6.0	.313	.324	.333	.340	.343	.342	.339	.335															
	7.0	.333	.345	.356	.364																			
	8.0	.346	.360																					
mief=		.353	.362	.366	.368	.366	.361	.350	.338	.326	.313	.300	.287	.273	.258	.241	.223	.204	.183	.161	.135	.107	.051	
tetaf=	8.7	8.2	7.7	7.3	6.9	6.6	6.4	6.1	5.9	5.6	5.4	5.2	4.9	4.7	4.5	4.3	4.1	3.9	3.6	3.3	2.8	1.5		
w=1.6		Valores de ni																						ni0= 2.55
teta=	1.0	.068	.076	.083	.089	.093	.095	.096	.096	.094	.092	.090	.088	.086	.084	.081	.079	.076	.074	.071	.068	.065	.059	.046
	1.5	.102	.109	.116	.122	.127	.131	.134	.136	.136	.136	.134	.131	.128	.125	.121	.117	.114	.110	.106	.102	.097	.085	
	2.0	.134	.141	.148	.154	.159	.163	.167	.170	.171	.172	.172	.170	.168	.164	.160	.155	.150	.145	.140	.134	.125	.097	
	2.5	.166	.173	.179	.185	.190	.194	.198	.201	.203	.204	.204	.203	.202	.199	.195	.191	.186	.179	.169	.156	.142	.106	
	3.0	.197	.203	.209	.215	.219	.224	.227	.230	.232	.233	.233	.233	.232	.229	.226	.221	.212	.201	.187	.171	.152		
	3.5	.228	.234	.239	.244	.248	.252	.255	.257	.259	.260	.261	.260	.259	.256	.249	.240	.228	.216	.199	.181	.161		
	4.0	.258	.263	.268	.272	.276	.279	.282	.284	.286	.287	.287	.285	.280	.274	.264	.253	.240	.225					
	4.5	.287	.291	.295	.299	.303	.306	.308	.310	.311	.311	.308	.303	.295	.286	.276	.263							
	5.0	.314	.319	.323	.326	.329	.331	.333	.335	.333	.329	.324	.316	.308										
	6.0	.351	.361	.369	.376	.379	.377	.374	.371															
	7.0	.374	.385	.396	.403																			
	8.0	.389	.402																					
mief=		.395	.403	.406	.407	.405	.400	.388	.376	.363	.351	.338	.324	.311	.296	.280	.263	.245	.226	.206	.185	.162	.106	.050
tetaf=	8.5	8.0	7.6	7.3	6.9	6.7	6.4	6.2	6.0	5.8	5.5	5.3	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 ni																						ni0= 2.74
teta=	1.0	.075	.082	.088	.094	.098	.101	.102	.102	.101	.099	.097	.095	.093	.091	.089	.087	.085	.082	.080	.077	.075	.070	.064
	1.5	.111	.118	.124	.130	.135	.139	.142	.144	.145	.145	.144	.142	.139	.136	.133	.130	.126	.123	.119	.115	.112	.104	.088
	2.0	.147	.153	.160	.165	.170	.174	.178	.181	.183	.184	.184	.183	.181	.179	.176	.172	.167	.162	.158	.153	.148	.130	.099
	2.5	.182	.188	.194	.199	.204	.208	.212	.215	.217	.218	.219	.219	.218	.216	.213	.210	.206	.201	.195	.186	.175	.145	
	3.0	.216	.222	.227	.232	.237	.240	.244	.247	.249	.250	.251	.251	.250	.249	.247	.244	.239	.231	.220	.206	.192	.155	
	3.5	.250	.255	.260	.264	.268	.272	.275	.277	.279	.281	.281	.281	.281	.280	.276	.269	.260	.249	.236	.220	.203		
	4.0	.283	.287	.292	.296	.299	.302	.305	.307	.309	.310	.310	.310	.307	.302	.295	.285	.275	.262	.246				
	4.5	.314	.319	.322	.326	.329	.332	.334	.336	.337	.338	.336	.332	.327	.318	.309	.299	.286						
	5.0	.345	.349	.353	.356	.358	.361	.363	.364	.363	.360	.356	.349	.341	.332									
	6.0	.388	.397	.405	.412	.414	.413	.410	.406	.400														
	7.0	.414	.426	.435	.442																			
	8.0	.432																						
mief=		.436	.443	.445	.446	.443	.438	.427	.414	.401	.388	.375	.362	.348	.334	.320	.303	.286	.268	.249	.229	.209	.161	.105
tetaf=	8.4	7.9	7.6	7.2	6.9	6.7	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 ni																						ni0= 2.93
teta=	1.0	.081	.088	.094	.099	.103	.106	.108	.108	.108	.106	.104	.102	.101	.099	.097	.095	.093	.090	.088	.086	.084	.079	.074
	1.5	.121	.127	.133	.138	.143	.147	.150	.152	.154	.154	.154	.152	.150	.147	.144	.141	.138	.135	.132	.128	.125	.118	.111
	2.0	.160	.166	.171	.176	.181	.185	.189	.192	.194	.195	.196	.195	.194	.193	.190	.187	.183	.179	.174	.170	.166	.156	.134
	2.5	.198	.203	.209	.214	.218	.222	.225	.228	.231	.232	.233	.234	.233	.232	.230	.228	.225	.221	.216	.211	.203	.179	.148
	3.0	.235	.240	.245	.250	.254	.258	.261	.264	.266	.267	.268	.269	.269	.268	.266	.264	.262	.257	.249	.239	.226	.195	.158
	3.5	.272	.276	.281	.285	.289	.292	.295	.297	.299	.301	.302	.302	.302	.301	.300	.296	.289	.280	.269	.256	.242	.207	
	4.0	.307	.312	.316	.319	.323	.325	.328	.330	.332	.333	.334	.334	.333	.329	.324	.317	.307	.296	.284	.268	.252		
	4.5	.342	.346	.349	.353	.355	.358	.360	.362	.363	.365	.364	.361	.356	.350	.341	.332	.322	.308					
	5.0	.376	.379	.382	.385	.388	.390	.392	.393	.393	.391	.387	.382	.374	.365	.356								
	6.0	.425	.433	.441	.447	.450	.448	.445	.441	.436														
	7.0	.454	.465	.474	.480																			
	8.0	.475																						
mief=		.477	.483	.484	.484	.481	.476	.466	.453	.440	.426	.413	.399	.386	.372	.357	.343	.326	.309	.291	.272	.252	.211	.159
tetaf=	8.2	7.8	7.5	7.2	7.0	6.7	6.5	6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.9	4.7	4.5	4.3	4.2	4.0	3.7	3.1	

TABELA 7a

ACO CA-50B delta=0.05 ntot= 6

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 ni

w=0.1

teta=1.0 .010 .034 .047 .053 .053 .050 .045 .041 .035 .028 .018
 1.5 .016 .040 .057 .068 .072 .072 .067 .059 .050 .039 .023
 2.0 .021 .046 .065 .078 .085 .087 .084 .075 .063 .047 .026
 2.5 .025 .051 .071 .085 .094 .097 .095 .087 .072 .052
 3.0 .028 .055 .077 .092 .101 .105 .103 .094 .078 .057
 3.5 .030 .059 .081 .097 .107 .110 .108 .099 .083 .060
 4.0 .032 .062 .085 .101 .111 .115 .112 .102 .086
 4.5 .033 .064 .088 .104 .114 .118 .115 .105
 5.0 .035 .066 .090 .107 .117 .121 .117
 6.0 .036 .068 .093 .111 .121
 7.0 .038 .070 .095 .113
 8.0 .039 .071 .097 .115

mief= .041 .074 .099 .115 .124 .124 .118 .105 .086 .061 .028

tetaf= 12.7 14.2 10.3 8.2 6.8 5.8 5.1 4.5 4.0 3.6 2.4

Valores de ni

ni0= 1.16

w=0.2

teta=1.0 .018 .039 .052 .058 .059 .056 .052 .047 .043 .037 .029 .016
 1.5 .028 .048 .064 .074 .079 .080 .076 .070 .062 .052 .039 .021
 2.0 .037 .058 .074 .086 .094 .097 .095 .089 .078 .064 .047
 2.5 .044 .066 .084 .097 .105 .109 .108 .102 .090 .073 .052
 3.0 .051 .074 .092 .106 .114 .118 .117 .111 .098 .079 .056
 3.5 .056 .080 .099 .114 .122 .126 .124 .117 .104 .085
 4.0 .059 .085 .105 .119 .129 .132 .130 .122 .108
 4.5 .062 .089 .110 .124 .133 .137 .134 .126
 5.0 .064 .092 .114 .128 .137 .141 .138
 6.0 .068 .097 .119 .135 .144
 7.0 .071 .100 .122 .139
 8.0 .073 .102 .125 .142

mief= .077 .105 .127 .142 .148 .146 .140 .127 .110 .087 .058 .024

tetaf= 13.4 12.6 9.8 8.0 6.8 6.0 5.3 4.7 4.2 3.8 3.2 2.0

Valores de ni

ni0= 1.25

w=0.3

teta=1.0 .026 .044 .056 .062 .064 .061 .058 .054 .050 .045 .039 .029 .014
 1.5 .038 .056 .071 .080 .086 .087 .085 .080 .073 .064 .054 .039 .019
 2.0 .051 .069 .084 .095 .103 .106 .106 .101 .092 .080 .065 .046
 2.5 .062 .081 .096 .108 .116 .121 .120 .116 .107 .092 .073 .051
 3.0 .071 .091 .108 .120 .128 .132 .132 .127 .116 .100 .080
 3.5 .079 .100 .117 .130 .138 .141 .141 .135 .123 .107 .085
 4.0 .084 .107 .125 .138 .146 .150 .148 .141 .129 .112
 4.5 .089 .113 .131 .144 .152 .157 .154 .146
 5.0 .092 .118 .137 .150 .158 .161 .159
 6.0 .098 .124 .144 .159 .167 .169
 7.0 .102 .128 .149 .165
 8.0 .105 .131 .152

mief= .110 .135 .155 .169 .173 .169 .162 .149 .133 .112 .087 .055 .020

tetaf= 14.0 11.6 9.4 7.9 6.8 6.1 5.4 4.9 4.4 4.0 3.6 2.9 1.6

Valores de ni

ni0= 1.33

w=0.4

teta=1.0 .032 .048 .060 .067 .069 .067 .064 .060 .056 .052 .047 .040 .029 .012
 1.5 .048 .064 .077 .087 .093 .095 .093 .089 .083 .075 .066 .054 .038
 2.0 .064 .080 .093 .104 .111 .116 .116 .113 .105 .095 .081 .065 .045
 2.5 .078 .095 .108 .119 .128 .132 .133 .129 .122 .110 .093 .073 .050
 3.0 .090 .108 .123 .134 .142 .145 .146 .142 .134 .120 .102 .080
 3.5 .100 .119 .135 .147 .154 .157 .157 .152 .142 .128 .109
 4.0 .108 .129 .144 .156 .164 .167 .166 .160 .149 .134
 4.5 .114 .137 .153 .164 .172 .176 .174 .166 .155
 5.0 .119 .142 .160 .171 .178 .182 .180 .172
 6.0 .127 .150 .169 .183 .190 .192
 7.0 .132 .156 .175 .190
 8.0 .135 .159 .180

mief= .141 .165 .183 .195 .198 .193 .185 .172 .156 .136 .113 .085 .051 .013

tetaf= 13.5 10.9 9.1 7.8 6.8 6.1 5.5 5.0 4.6 4.2 3.8 3.5 2.5 1.2

TABELA 7b

ACO CA-50B delta=0.05 ntot= 6

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= 1.41

w=0.5

Valores de ni

teta=1.0	.039	.053	.064	.071	.074	.073	.069	.066	.063	.059	.055	.049	.040	.028
1.5	.057	.072	.084	.093	.099	.102	.101	.098	.093	.086	.078	.068	.054	.036
2.0	.076	.091	.103	.113	.120	.125	.126	.124	.118	.109	.097	.082	.064	.043
2.5	.094	.108	.121	.131	.139	.144	.145	.142	.137	.127	.112	.093	.072	
3.0	.108	.125	.138	.148	.155	.159	.160	.157	.150	.139	.122	.102	.079	
3.5	.121	.137	.152	.163	.170	.173	.173	.169	.161	.148	.131	.110		
4.0	.131	.149	.164	.174	.182	.185	.184	.179	.169	.155	.138			
4.5	.139	.160	.173	.184	.191	.195	.194	.187	.176					
5.0	.145	.167	.182	.192	.199	.203	.201	.194						
6.0	.155	.176	.194	.207	.213	.214								
7.0	.161	.183	.202	.216										
8.0	.165	.188	.207											

mief= .172 .195 .210 .221 .223 .217 .208 .196 .179 .160 .138 .113 .082 .046 .006

tetaf= 12.6 10.4 8.9 7.7 6.9 6.2 5.7 5.2 4.8 4.4 4.0 3.7 3.2 2.2 0.6

ni0= 1.49

w=0.6

Valores de ni

teta=1.0	.045	.058	.069	.075	.078	.078	.075	.072	.069	.065	.062	.057	.050	.040	.026
1.5	.066	.080	.091	.100	.106	.109	.109	.107	.102	.096	.089	.080	.069	.054	.035
2.0	.088	.101	.113	.122	.129	.134	.136	.135	.130	.122	.112	.099	.082	.064	
2.5	.109	.122	.133	.143	.150	.155	.157	.155	.151	.143	.130	.113	.093	.072	
3.0	.126	.141	.153	.163	.169	.173	.174	.172	.167	.156	.142	.124	.103		
3.5	.140	.156	.170	.180	.186	.188	.189	.186	.179	.167	.152	.133	.111		
4.0	.154	.170	.183	.193	.200	.203	.202	.197	.188	.176	.160				
4.5	.163	.182	.194	.203	.210	.214	.214	.207	.197	.183					
5.0	.170	.190	.204	.213	.219	.223	.222	.215							
6.0	.182	.202	.218	.230	.236	.237									
7.0	.189	.211	.227	.241											
8.0	.194	.215	.234												

mief= .202 .223 .237 .247 .248 .241 .232 .220 .203 .184 .163 .139 .112 .078 .041

tetaf= 11.8 10.0 8.7 7.7 6.9 6.3 5.8 5.3 4.9 4.5 4.2 3.9 3.6 2.9 1.9

ni0= 1.57

w=0.7

Valores de ni

teta=1.0	.050	.063	.073	.080	.083	.083	.081	.078	.075	.072	.068	.064	.059	.051	.040	.024
1.5	.075	.088	.098	.107	.113	.116	.117	.115	.111	.106	.099	.092	.082	.069	.053	.033
2.0	.099	.112	.122	.131	.138	.143	.145	.145	.141	.135	.126	.114	.100	.082	.063	
2.5	.123	.135	.146	.154	.162	.167	.169	.168	.164	.158	.147	.131	.113	.093	.071	
3.0	.143	.157	.168	.177	.183	.187	.188	.186	.182	.174	.161	.144	.125	.103		
3.5	.159	.174	.187	.197	.202	.204	.205	.203	.196	.186	.172	.155	.134			
4.0	.175	.190	.202	.211	.217	.221	.220	.216	.208	.196	.181	.163				
4.5	.187	.204	.215	.223	.229	.233	.233	.227	.218	.205						
5.0	.195	.214	.226	.234	.240	.244	.243	.237	.226							
6.0	.208	.227	.243	.254	.259	.260										
7.0	.217	.237	.253	.266												
8.0	.222	.243	.261													

mief= .232 .251 .264 .273 .273 .265 .255 .243 .227 .208 .187 .164 .138 .109 .073 .036

tetaf= 11.3 9.8 8.6 7.6 6.9 6.3 5.8 5.4 5.0 4.7 4.3 4.0 3.7 3.4 2.6 1.7

ni0= 1.65

w=0.8

Valores de ni

teta=1.0	.056	.068	.077	.084	.088	.088	.086	.084	.081	.078	.074	.071	.067	.061	.052	.039	.022
1.5	.084	.095	.105	.113	.119	.123	.124	.123	.120	.116	.110	.103	.094	.083	.069	.051	
2.0	.111	.122	.132	.140	.147	.152	.155	.155	.153	.147	.139	.129	.116	.100	.082	.062	
2.5	.137	.148	.158	.166	.173	.178	.180	.180	.177	.172	.163	.149	.133	.114	.093		
3.0	.159	.173	.183	.191	.197	.201	.202	.201	.197	.190	.179	.164	.146	.125	.103		
3.5	.178	.192	.204	.213	.218	.220	.221	.219	.214	.204	.192	.176	.157	.135			
4.0	.196	.210	.221	.229	.235	.239	.238	.235	.227	.216	.202	.186					
4.5	.210	.225	.235	.243	.249	.252	.253	.248	.238	.226							
5.0	.220	.237	.248	.255	.261	.264	.264	.259	.249								
6.0	.234	.252	.267	.277	.282	.283											
7.0	.244	.263	.279	.292													
8.0	.250	.270	.288														

mief= .262 .278 .291 .298 .298 .289 .279 .267 .251 .232 .211 .189 .164 .138 .105 .068 .029

tetaf= 10.8 9.5 8.5 7.6 6.9 6.4 5.9 5.5 5.1 4.8 4.5 4.2 3.9 3.6 3.1 2.4 1.4

TABELA 7c

ACO CA-50B delta=0.05 ntot= 6

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

$\eta=0.9$

teta=1.0	.062	.073	.082	.088	.092	.093	.092	.089	.087	.084	.081	.078	.074	.069	.062	.052	.037	.020
1.5	.092	.103	.112	.120	.126	.130	.131	.131	.129	.125	.120	.113	.106	.096	.084	.068	.050	
2.0	.122	.132	.142	.150	.156	.161	.164	.165	.163	.159	.152	.143	.132	.117	.100	.081	.061	
2.5	.151	.161	.170	.178	.185	.190	.192	.192	.190	.185	.178	.166	.151	.133	.114	.093		
3.0	.176	.188	.198	.206	.211	.215	.216	.215	.212	.206	.196	.183	.166	.147	.125			
3.5	.197	.210	.222	.230	.235	.236	.237	.235	.231	.223	.211	.196	.179	.158	.136			
4.0	.216	.229	.240	.248	.253	.256	.256	.253	.246	.236	.223	.207	.189					
4.5	.233	.246	.255	.263	.268	.272	.273	.268	.259	.248	.233							
5.0	.244	.260	.269	.276	.281	.285	.285	.280	.271									
6.0	.260	.277	.291	.301	.305	.306												
7.0	.272	.290	.305	.317														
8.0	.278	.298	.315															

mief= .291 .305 .317 .324 .323 .314 .303 .291 .275 .256 .235 .213 .190 .164 .136 .100 .063 .022

tetaf= 10.4 9.3 8.3 7.6 6.9 6.4 6.0 5.6 5.2 4.9 4.6 4.3 4.0 3.8 3.5 2.9 2.1 1.1

ni0= 1.82

Valores de mi

$\eta=1.0$

teta=1.0	.067	.078	.086	.093	.097	.098	.097	.095	.092	.090	.087	.084	.081	.077	.071	.063	.051	.036
1.5	.100	.110	.119	.127	.133	.136	.138	.139	.137	.133	.129	.123	.116	.108	.098	.084	.067	.048
2.0	.133	.142	.151	.159	.165	.170	.173	.175	.174	.170	.164	.156	.147	.133	.118	.100	.081	
2.5	.165	.174	.182	.190	.196	.201	.204	.204	.202	.198	.192	.183	.169	.153	.134	.114	.092	
3.0	.192	.204	.213	.220	.226	.229	.230	.229	.226	.222	.214	.201	.186	.168	.148	.126		
3.5	.215	.228	.239	.247	.251	.253	.253	.251	.248	.241	.230	.216	.200	.181	.160			
4.0	.236	.249	.258	.266	.271	.274	.274	.272	.265	.256	.243	.228	.211					
4.5	.255	.267	.275	.282	.288	.291	.292	.289	.280	.269	.255							
5.0	.268	.282	.291	.297	.302	.305	.306	.302	.293									
6.0	.285	.302	.315	.324	.328	.329	.326											
7.0	.299	.316	.330	.342														
8.0	.306	.325	.342															

mief= .319 .333 .344 .350 .348 .338 .327 .314 .300 .280 .260 .238 .215 .190 .163 .133 .096 .058 .013

tetaf= 10.2 9.2 8.3 7.5 6.9 6.5 6.0 5.6 5.3 5.0 4.7 4.4 4.2 3.9 3.7 3.3 2.7 1.9 0.7

ni0= 1.90

Valores de mi

$\eta=1.1$

teta=1.0	.073	.083	.091	.097	.101	.103	.102	.100	.098	.095	.093	.090	.087	.084	.079	.073	.063	.050	.034
1.5	.108	.118	.126	.134	.139	.143	.146	.146	.145	.142	.138	.133	.127	.119	.111	.098	.084	.066	.047
2.0	.143	.153	.161	.168	.174	.179	.183	.185	.184	.181	.176	.169	.160	.149	.135	.118	.100	.080	
2.5	.178	.187	.195	.202	.208	.213	.216	.216	.215	.211	.206	.198	.186	.171	.153	.134	.114		
3.0	.208	.220	.228	.235	.240	.243	.244	.243	.241	.237	.230	.219	.205	.188	.169	.148	.126		
3.5	.233	.245	.256	.264	.268	.269	.269	.267	.264	.258	.248	.236	.220	.203	.183	.161			
4.0	.256	.268	.277	.284	.289	.292	.292	.290	.284	.275	.264	.249	.233	.215					
4.5	.277	.288	.296	.302	.307	.310	.312	.309	.301	.290	.277	.262							
5.0	.291	.305	.312	.318	.323	.326	.327	.323	.315	.303									
6.0	.310	.326	.339	.348	.351	.352	.349												
7.0	.325	.342	.356	.368															
8.0	.334	.352	.369																

mief= .347 .360 .370 .375 .373 .363 .351 .338 .324 .305 .284 .263 .240 .216 .190 .162 .128 .091 .052

tetaf= 9.9 9.0 8.2 7.5 6.9 6.5 6.1 5.7 5.4 5.1 4.8 4.5 4.3 4.0 3.8 3.6 3.1 2.4 1.7

ni0= 1.98

Valores de mi

n=1.2 \		valores de m1																			
teta=1.0	.078	.087	.095	.102	.106	.108	.108	.106	.103	.101	.098	.096	.093	.090	.086	.081	.074	.063	.049	.032	
1.5	.116	.125	.134	.141	.146	.150	.153	.153	.150	.147	.143	.137	.130	.122	.112	.099	.083	.065			
2.0	.154	.163	.171	.178	.184	.188	.192	.194	.194	.192	.188	.181	.174	.164	.151	.135	.118	.099	.079		
2.5	.191	.200	.207	.214	.220	.225	.228	.229	.227	.224	.220	.213	.203	.189	.172	.154	.134	.113			
3.0	.224	.235	.243	.249	.254	.257	.258	.257	.255	.252	.246	.237	.224	.208	.190	.170	.149				
3.5	.251	.263	.273	.280	.284	.285	.285	.284	.281	.276	.267	.255	.240	.224	.205	.184					
4.0	.276	.287	.296	.303	.308	.310	.310	.308	.303	.295	.284	.270	.255	.237							
4.5	.299	.308	.316	.322	.326	.330	.331	.330	.322	.311	.298	.284									
5.0	.314	.327	.334	.339	.344	.347	.348	.344	.337	.326											
6.0	.335	.351	.363	.371	.375	.376	.372														
7.0	.352	.368	.382	.393																	
8.0	.361	.379	.396																		

mief= .374 .387 .397 .401 .398 .387 .375 .362 .348 .330 .309 .288 .265 .241 .216 .189 .161 .123 .085 .045

tetaf= 9.7 8.9 8.1 7.5 6.9 6.5 6.1 5.8 5.5 5.2 4.9 4.6 4.4 4.2 3.9 3.7 3.5 2.9 2.3 1.5

TABELA 7d

ACO CA-50B delta=0.05 ntot= 6

		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 ni																					
		ni0= 2.14																					
teta=1.0	.089	.097	.105	.111	.115	.117	.118	.117	.114	.112	.110	.108	.105	.103	.100	.096	.091	.084	.074	.061	.045		
1.5	.132	.140	.148	.154	.160	.164	.167	.168	.168	.167	.164	.161	.156	.150	.144	.136	.126	.113	.098	.081	.062		
2.0	.175	.183	.190	.197	.202	.207	.210	.213	.214	.213	.210	.205	.199	.191	.181	.168	.153	.136	.118	.098			
2.5	.218	.225	.232	.238	.243	.248	.252	.253	.252	.250	.246	.241	.234	.223	.209	.192	.174	.155	.134	.113			
3.0	.256	.266	.272	.278	.283	.285	.286	.286	.284	.281	.277	.270	.259	.246	.230	.212	.192	.171	.149				
3.5	.287	.298	.307	.314	.317	.318	.318	.316	.314	.310	.303	.292	.280	.265	.248	.229	.208	.186					
4.0	.316	.326	.333	.339	.344	.347	.347	.344	.341	.334	.323	.311	.297	.281	.263								
4.5	.341	.349	.356	.361	.365	.368	.370	.370	.363	.353	.341	.328	.312										
5.0	.360	.370	.376	.381	.385	.388	.390	.387	.381	.371	.357												
6.0	.385	.399	.411	.418	.421	.422	.419																
7.0	.404	.419	.433	.444																			
8.0	.416	.434																					
mief=	.428	.440	.450	.452	.448	.437	.424	.411	.396	.380	.359	.337	.315	.292	.267	.242	.215	.187	.151	.113	.074		
tetaf=	9.4	8.7	8.0	7.4	6.9	6.6	6.2	5.9	5.6	5.3	5.1	4.8	4.6	4.4	4.2	3.9	3.7	3.5	3.1	2.5	1.9		
w=1.6		Valores de ni																					
		ni0= 2.31																					
teta=1.0	.099	.107	.114	.120	.124	.126	.127	.127	.125	.123	.121	.119	.117	.114	.112	.110	.106	.101	.095	.085	.073	.042	
1.5	.148	.155	.162	.168	.173	.177	.180	.182	.183	.182	.180	.178	.174	.170	.164	.157	.150	.141	.128	.113	.097	.059	
2.0	.196	.203	.210	.216	.221	.225	.229	.232	.233	.234	.232	.228	.222	.216	.208	.198	.185	.170	.154	.136	.117		
2.5	.243	.250	.256	.262	.267	.271	.275	.277	.276	.275	.272	.267	.262	.254	.243	.228	.212	.194	.175	.155	.134		
3.0	.287	.296	.302	.307	.312	.314	.315	.315	.313	.310	.307	.302	.293	.282	.268	.252	.234	.215	.194	.172			
3.5	.322	.333	.341	.347	.351	.351	.350	.349	.346	.343	.338	.329	.318	.304	.289	.272	.253	.232	.211				
4.0	.355	.363	.370	.376	.380	.383	.383	.381	.378	.372	.363	.351	.338	.323	.307	.289							
4.5	.382	.389	.396	.401	.404	.407	.409	.409	.405	.396	.384	.371	.356	.340									
5.0	.405	.413	.419	.423	.427	.429	.431	.429	.424	.416	.403												
6.0	.434	.447	.458	.464	.467	.468	.465																
7.0	.456	.471	.483	.494																			
8.0	.471	.488																					
mief=	.482	.493	.501	.503	.498	.487	.474	.460	.445	.429	.410	.388	.365	.342	.318	.294	.268	.241	.213	.179	.141	.061	
tetaf=	9.2	8.5	7.9	7.4	6.9	6.6	6.3	6.0	5.7	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.0	3.8	3.6	3.2	2.7	1.6	
w=1.8		Valores de ni																					
		ni0= 2.47																					
teta=1.0	.110	.117	.123	.129	.133	.136	.137	.137	.136	.134	.132	.130	.128	.126	.124	.122	.119	.116	.111	.105	.096	.071	.038
1.5	.163	.170	.177	.182	.187	.191	.194	.196	.197	.197	.196	.194	.191	.188	.183	.177	.171	.164	.155	.143	.128	.095	
2.0	.217	.223	.229	.235	.240	.244	.247	.250	.252	.253	.253	.250	.245	.240	.233	.225	.215	.202	.188	.171	.154	.115	
2.5	.269	.275	.281	.286	.291	.295	.299	.301	.301	.300	.297	.293	.288	.282	.274	.263	.248	.232	.214	.195	.176		
3.0	.318	.326	.332	.336	.341	.343	.344	.343	.342	.339	.336	.332	.326	.317	.304	.290	.274	.256	.237	.216	.195		
3.5	.358	.367	.375	.381	.384	.384	.383	.382	.379	.376	.372	.365	.355	.343	.329	.313	.296	.277	.257	.235			
4.0	.393	.401	.407	.413	.416	.419	.420	.418	.414	.410	.402	.391	.379	.365	.350	.333	.314						
4.5	.423	.430	.435	.440	.444	.446	.448	.448	.446	.438	.427	.414	.400	.385	.368								
5.0	.449	.456	.461	.465	.468	.471	.472	.472	.467	.460	.449	.435											
6.0	.483	.496	.505	.511	.514	.515	.512	.507															
7.0	.508	.522	.534	.545																			
8.0	.525	.542																					
mief=	.536	.546	.553	.554	.549	.536	.523	.509	.494	.478	.460	.438	.416	.393	.369	.345	.320	.294	.267	.239	.207	.130	.046
tetaf=	8.9	8.3	7.8	7.4	6.9	6.6	6.3	6.1	5.8	5.5	5.3	5.1	4.9	4.7	4.5	4.3	4.1	4.0	3.8	3.6	3.4	2.4	1.2
w=2.0		Valores de ni																					
		ni0= 2.64																					
teta=1.0	.120	.127	.133	.138	.142	.145	.146	.147	.146	.145	.143	.141	.139	.137	.135	.133	.131	.129	.126	.121	.116	.096	.068
1.5	.179	.185	.191	.196	.201	.205	.208	.210	.212	.212	.212	.210	.208	.205	.202	.197	.191	.185	.178	.169	.157	.128	.092
2.0	.237	.243	.249	.254	.258	.263	.266	.269	.271	.272	.273	.271	.268	.263	.257	.250	.242	.232	.220	.205	.189	.153	.114
2.5	.294	.300	.305	.310	.315	.319	.322	.325	.325	.324	.322	.319	.315	.310	.303	.295	.282	.268	.252	.234	.216	.176	
3.0	.349	.356	.361	.366	.370	.372	.372	.372	.371	.368	.365	.361	.357	.350	.340	.327	.312	.296	.278	.259	.239	.196	
3.5	.392	.402	.409	.415	.417	.417	.416	.415	.412	.409	.405	.400	.392	.381	.368	.353	.337	.320	.301	.281	.259		
4.0	.432	.439	.445	.449	.453	.455	.456	.454	.451	.447	.441	.431	.420	.406	.392	.376	.359	.340					
4.5	.464	.470	.475	.479	.483	.485	.487	.487	.486	.480	.469	.457	.444	.429	.413								
5.0	.493	.499	.503	.507	.510	.512	.514	.514	.510	.503	.494	.481	.466										
6.0	.532	.543	.553	.557	.560	.561	.558	.553															
7.0	.560	.573	.585	.596																			
8.0	.579	.596																					
mief=	.590	.599	.605	.605	.599	.590	.572	.558	.543	.527	.509	.489	.467	.443	.420	.396	.371	.346	.320	.293	.265	.197	.119
tetaf=	8.8	8.2	7.7	7.3	6.9	6.7	6.4	6.1	5.9	5.6	5.4	5.2	5.0	4.8	4.7	4.5	4.3	4.1	4.0	3.8	3.6	3.0	2.1

ACO CA-50B delta=0.10 ntot= 6

$r=0.1$	Valores de ni	$n_i \theta = 1.08$
---------	---------------	---------------------

$$n_{i0} = 1.08$$

Valores de mi

$w=0.2$ Valores de

Valores de mi

Valores de $w=0.3$

Valores de mi

Valores de μ

```
mief= .132 .154 .169 .179 .182 .179 .172 .160 .145 .127 .106 .080 .047 .012
tetaf= 12.8 10.5 8.9 7.7 6.9 6.2 5.6 5.1 4.7 4.3 3.9 3.5 2.6 1.2
```


TABELA 8b

ACO CA-50B delta=0.10 ntot= 6

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= 1.41

Valores de ni

w=0.5

teta=1.0	.033	.048	.059	.066	.068	.067	.064	.061	.057	.054	.050	.044	.037	.025
1.5	.050	.064	.077	.086	.092	.094	.094	.090	.085	.079	.071	.062	.049	.033
2.0	.066	.080	.093	.103	.110	.114	.116	.114	.109	.101	.090	.076	.059	.039
2.5	.082	.096	.108	.118	.126	.131	.133	.131	.126	.117	.103	.086	.066	
3.0	.095	.111	.123	.133	.141	.145	.147	.145	.139	.129	.114	.095	.073	
3.5	.106	.123	.136	.147	.153	.157	.158	.155	.148	.137	.121	.102		
4.0	.117	.133	.147	.158	.165	.167	.168	.164	.156	.143	.127			
4.5	.125	.143	.157	.167	.174	.177	.176	.171	.162					
5.0	.131	.151	.165	.174	.181	.185	.184	.177						
6.0	.140	.161	.177	.187	.193	.196								
7.0	.147	.168	.184	.197										
8.0	.151	.173	.190											
mief=	.159	.179	.193	.201	.203	.199	.192	.180	.165	.148	.128	.104	.076	.042
tetaf=	11.9	10.1	8.7	7.6	6.9	6.3	5.7	5.2	4.8	4.4	4.1	3.7	3.3	2.3
														0.6

ni0= 1.49

Valores de ni

w=0.6

teta=1.0	.038	.052	.062	.069	.072	.072	.069	.066	.063	.059	.055	.051	.045	.036	.023
1.5	.057	.071	.082	.091	.097	.100	.100	.097	.093	.088	.081	.073	.062	.048	.031
2.0	.076	.089	.100	.110	.117	.121	.124	.123	.119	.112	.102	.090	.075	.057	.037
2.5	.094	.106	.118	.127	.135	.140	.143	.142	.138	.131	.119	.103	.085	.065	
3.0	.110	.124	.135	.144	.152	.156	.158	.156	.152	.144	.131	.114	.094		
3.5	.123	.138	.151	.160	.166	.170	.171	.169	.163	.153	.139	.122	.101		
4.0	.135	.150	.163	.173	.179	.182	.182	.179	.172	.161	.146				
4.5	.145	.161	.174	.183	.190	.193	.192	.188	.179	.167					
5.0	.152	.171	.183	.192	.198	.202	.201	.195							
6.0	.164	.183	.198	.207	.212	.215									
7.0	.172	.191	.207	.219											
8.0	.177	.197	.213												
mief=	.186	.203	.216	.223	.224	.219	.212	.200	.185	.169	.150	.128	.103	.071	.037
tetaf=	11.2	9.7	8.5	7.6	6.9	6.3	5.8	5.4	5.0	4.6	4.3	3.9	3.6	3.0	2.0

ni0= 1.57

Valores de ni

w=0.7

teta=1.0	.043	.056	.066	.072	.076	.076	.074	.071	.068	.064	.061	.057	.052	.046	.035	.021
1.5	.064	.077	.087	.096	.102	.105	.106	.104	.100	.096	.090	.083	.074	.062	.047	.029
2.0	.085	.097	.108	.117	.124	.129	.131	.131	.129	.123	.114	.104	.090	.074	.056	
2.5	.106	.117	.128	.137	.144	.149	.152	.152	.149	.143	.134	.120	.103	.084	.064	
3.0	.124	.137	.147	.155	.162	.167	.169	.168	.165	.158	.147	.132	.114	.093		
3.5	.139	.153	.165	.173	.179	.182	.183	.182	.178	.169	.157	.141	.122			
4.0	.153	.167	.179	.188	.194	.196	.196	.194	.188	.178	.165	.149				
4.5	.165	.179	.191	.200	.206	.209	.208	.204	.197	.186						
5.0	.174	.191	.201	.209	.215	.219	.219	.213	.204							
6.0	.187	.205	.219	.226	.231	.234										
7.0	.196	.214	.229	.240												
8.0	.202	.221	.237													
mief=	.213	.227	.239	.245	.245	.239	.232	.221	.206	.189	.171	.150	.127	.100	.067	.032
tetaf=	10.7	9.4	8.3	7.5	6.9	6.4	5.9	5.5	5.1	4.7	4.4	4.1	3.8	3.5	2.7	1.7

ni0= 1.65

Valores de ni

w=0.8

teta=1.0	.048	.060	.069	.076	.079	.080	.078	.075	.073	.069	.066	.063	.059	.054	.046	.034	.019
1.5	.071	.083	.093	.101	.107	.110	.112	.111	.108	.103	.098	.092	.084	.075	.061	.045	
2.0	.094	.105	.116	.124	.131	.136	.138	.139	.138	.133	.126	.116	.105	.090	.073	.054	
2.5	.117	.128	.137	.146	.153	.158	.161	.162	.159	.155	.147	.135	.120	.102	.083		
3.0	.138	.149	.159	.167	.173	.178	.180	.180	.177	.172	.162	.149	.132	.113	.092		
3.5	.155	.168	.179	.187	.192	.195	.196	.195	.192	.185	.174	.159	.142	.122			
4.0	.170	.183	.195	.204	.209	.211	.211	.209	.204	.195	.183	.168					
4.5	.184	.197	.208	.216	.222	.225	.224	.221	.214	.204	.191						
5.0	.195	.210	.219	.227	.232	.236	.236	.231	.223								
6.0	.210	.226	.239	.246	.251	.254											
7.0	.220	.237	.251	.262													
8.0	.227	.245	.260														
mief=	.237	.251	.262	.267	.266	.260	.252	.241	.226	.210	.192	.172	.150	.125	.096	.062	.026
tetaf=	10.3	9.2	8.2	7.5	6.9	6.4	6.0	5.6	5.2	4.9	4.6	4.2	4.0	3.7	3.2	2.5	1.4

TABELA 8c

ACO CA-508 delta=0.10 ntot= 6

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

w=0.9

Valores de mi

teta=1.0	.053	.064	.073	.079	.083	.084	.083	.080	.077	.074	.071	.068	.065	.061	.055	.045	.032	.016
1.5	.078	.089	.098	.106	.112	.116	.117	.115	.111	.106	.101	.094	.086	.074	.060	.043		
2.0	.103	.114	.123	.131	.138	.143	.146	.147	.146	.142	.136	.128	.118	.105	.090	.072	.053	
2.5	.128	.138	.147	.155	.162	.167	.170	.171	.170	.166	.159	.150	.136	.120	.102	.082		
3.0	.152	.162	.170	.178	.184	.189	.191	.191	.189	.184	.177	.165	.150	.132	.112	.091		
3.5	.170	.182	.193	.200	.205	.208	.209	.208	.205	.200	.190	.177	.161	.143	.122			
4.0	.187	.199	.210	.219	.224	.225	.225	.224	.220	.211	.200	.187	.170					
4.5	.203	.215	.225	.232	.238	.241	.240	.238	.231	.222	.209							
5.0	.215	.229	.238	.244	.249	.253	.254	.249	.241									
6.0	.232	.247	.259	.265	.270	.273	.272											
7.0	.243	.259	.273	.283														
8.0	.252	.269	.283															

mief= .261 .274 .284 .288 .287 .281 .272 .262 .247 .230 .212 .193 .172 .149 .123 .091 .057 .019

tetaf= 10.0 9.0 8.1 7.4 6.9 6.5 6.0 5.6 5.3 5.0 4.7 4.4 4.1 3.8 3.6 3.0 2.2 1.1

w=1.0

Valores de mi

teta=1.0	.057	.067	.076	.082	.086	.088	.087	.085	.082	.079	.076	.074	.070	.067	.062	.055	.044	.031
1.5	.085	.095	.104	.111	.117	.121	.123	.123	.121	.118	.114	.109	.103	.096	.086	.074	.059	.042
2.0	.112	.122	.131	.138	.145	.150	.153	.154	.152	.147	.139	.130	.119	.105	.089	.071	.051	
2.5	.139	.148	.157	.164	.171	.176	.179	.181	.180	.177	.171	.164	.152	.137	.120	.101	.081	
3.0	.165	.174	.182	.189	.196	.200	.202	.202	.201	.197	.191	.181	.167	.151	.132	.112		
3.5	.185	.197	.207	.214	.218	.221	.222	.221	.219	.214	.206	.194	.179	.162	.143			
4.0	.204	.215	.226	.234	.238	.240	.240	.238	.235	.228	.217	.205	.189					
4.5	.221	.233	.242	.249	.254	.257	.256	.254	.248	.239	.228	.214						
5.0	.236	.248	.255	.262	.267	.270	.271	.268	.260	.249								
6.0	.254	.268	.279	.285	.289	.292	.291											
7.0	.267	.282	.295	.304														
8.0	.276	.292	.306															

mief= .285 .298 .306 .310 .308 .301 .293 .282 .268 .251 .233 .214 .194 .172 .147 .121 .086 .052 .011

tetaf= 9.7 8.8 8.0 7.4 6.9 6.5 6.1 5.7 5.4 5.1 4.8 4.5 4.2 4.0 3.7 3.5 2.8 2.0 0.8

w=1.1

Valores de mi

teta=1.0	.061	.071	.080	.086	.090	.092	.091	.089	.087	.084	.081	.079	.076	.073	.069	.063	.055	.043	.029
1.5	.091	.101	.110	.117	.122	.126	.129	.129	.128	.125	.121	.117	.111	.105	.097	.087	.073	.058	.040
2.0	.121	.130	.138	.146	.152	.157	.160	.162	.162	.161	.156	.150	.142	.132	.119	.105	.088	.069	
2.5	.150	.159	.167	.174	.180	.185	.189	.191	.190	.187	.183	.176	.166	.153	.137	.119	.100	.080	
3.0	.178	.186	.194	.201	.207	.211	.214	.214	.212	.209	.204	.196	.184	.169	.151	.132	.111		
3.5	.200	.211	.221	.227	.232	.234	.235	.234	.232	.228	.221	.210	.197	.181	.163	.143			
4.0	.220	.231	.242	.249	.253	.255	.254	.253	.250	.244	.234	.222	.208	.192					
4.5	.239	.250	.259	.265	.270	.273	.272	.270	.265	.257	.246	.233							
5.0	.256	.266	.273	.279	.284	.287	.288	.286	.278	.268									
6.0	.275	.289	.299	.304	.308	.311	.310												
7.0	.289	.304	.316	.326															
8.0	.300	.316																	

mief= .309 .321 .328 .331 .329 .322 .313 .303 .289 .272 .254 .235 .215 .194 .171 .146 .116 .081 .046

tetaf= 9.5 8.7 8.0 7.4 6.9 6.5 6.2 5.8 5.5 5.2 4.9 4.6 4.4 4.1 3.9 3.6 3.2 2.6 1.8

w=1.2

Valores de mi

teta=1.0	.066	.075	.083	.089	.093	.095	.095	.094	.091	.089	.086	.084	.081	.078	.075	.070	.064	.054	.042	.027
1.5	.098	.107	.115	.122	.128	.132	.134	.135	.134	.132	.128	.125	.120	.114	.107	.098	.087	.072	.056	.038
2.0	.130	.138	.146	.153	.159	.164	.167	.169	.170	.169	.166	.160	.153	.144	.133	.120	.104	.087	.068	
2.5	.161	.169	.176	.183	.189	.194	.198	.200	.200	.198	.194	.188	.180	.168	.153	.137	.118	.099		
3.0	.191	.199	.206	.212	.218	.222	.225	.225	.224	.221	.217	.210	.199	.185	.169	.151	.131	.110		
3.5	.215	.226	.234	.241	.245	.247	.248	.247	.245	.242	.236	.226	.214	.199	.182	.163	.143			
4.0	.237	.247	.257	.264	.268	.269	.269	.268	.265	.260	.251	.240	.226	.211	.193					
4.5	.257	.267	.275	.281	.286	.289	.289	.287	.282	.274	.264	.252								
5.0	.275	.284	.291	.297	.301	.304	.305	.304	.297	.287										
6.0	.297	.310	.319	.324	.327	.330	.330													
7.0	.312	.326	.338	.347																
8.0	.324	.339																		

mief= .333 .344 .350 .353 .350 .343 .334 .323 .310 .293 .275 .257 .237 .216 .194 .170 .144 .111 .076 .040

tetaf= 9.3 8.5 7.9 7.3 6.9 6.6 6.2 5.9 5.5 5.3 5.0 4.7 4.5 4.2 4.0 3.8 3.5 3.0 2.4 1.6

ni0= 1.98

TABELA 8d

ACO CA-50B delta=0.10 ntot= 6

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= 2.14
w=1.4	teta=1.0	.074	.083	.090	.096	.100	.103	.103	.102	.100	.098	.096	.093	.091	.088	.086	.083	.078	.073	.064	.052	.038		
	1.5	.111	.119	.126	.133	.138	.142	.145	.146	.146	.145	.142	.139	.135	.131	.125	.118	.110	.099	.085	.070	.053		
	2.0	.146	.154	.161	.168	.173	.178	.182	.184	.185	.185	.184	.180	.174	.167	.158	.148	.134	.119	.102	.084	.065		
	2.5	.182	.189	.196	.202	.207	.212	.216	.219	.218	.215	.211	.205	.196	.185	.170	.153	.136	.117	.097				
	3.0	.216	.223	.229	.235	.240	.245	.247	.248	.247	.245	.241	.236	.229	.218	.204	.188	.170	.150	.130				
	3.5	.244	.254	.262	.267	.271	.273	.274	.273	.272	.269	.265	.257	.247	.234	.219	.202	.184	.164					
	4.0	.269	.279	.288	.294	.298	.299	.298	.297	.294	.291	.284	.274	.262	.248	.232	.215							
	4.5	.292	.301	.309	.314	.318	.321	.321	.319	.316	.309	.300	.288	.275										
	5.0	.313	.320	.327	.332	.335	.338	.340	.339	.333	.324	.314												
	6.0	.339	.351	.358	.363	.366	.368	.368																
	7.0	.357	.370	.381	.390																			
	8.0	.371	.385																					
	mief=	.380	.390	.394	.396	.392	.385	.375	.364	.352	.336	.318	.299	.280	.259	.238	.216	.192	.166	.136	.101	.066		
	tetaf=	9.0	8.3	7.8	7.3	6.9	6.6	6.3	6.0	5.7	5.4	5.2	4.9	4.7	4.5	4.2	4.0	3.8	3.6	3.2	2.7	2.0		
w=1.6		Valores de mi																						ni0= 2.31
	teta=1.0	.083	.091	.097	.103	.107	.110	.111	.110	.109	.107	.105	.103	.100	.098	.096	.093	.091	.086	.081	.073	.063	.035	
	1.5	.123	.131	.138	.144	.149	.153	.156	.158	.158	.157	.156	.153	.150	.146	.142	.136	.129	.122	.111	.098	.083	.049	
	2.0	.163	.170	.177	.183	.188	.192	.196	.199	.200	.201	.201	.198	.194	.188	.180	.172	.162	.149	.134	.118	.100		
	2.5	.202	.209	.215	.221	.226	.230	.234	.237	.239	.238	.236	.232	.227	.221	.213	.201	.186	.170	.153	.135	.116		
	3.0	.241	.247	.253	.258	.263	.267	.270	.271	.270	.268	.265	.261	.256	.247	.236	.222	.206	.189	.170	.150			
	3.5	.273	.282	.289	.294	.298	.300	.300	.300	.298	.296	.292	.287	.278	.267	.254	.239	.222	.204	.184				
	4.0	.301	.310	.319	.325	.328	.329	.328	.326	.324	.321	.316	.307	.296	.284	.270	.254	.237						
	4.5	.327	.335	.342	.347	.351	.353	.354	.352	.349	.343	.335	.324	.312	.298									
	5.0	.350	.356	.362	.366	.370	.372	.374	.374	.370	.362	.351	.340											
	6.0	.381	.392	.398	.401	.404	.406	.407	.404															
	7.0	.402	.414	.424	.432																			
	8.0	.418	.431																					
	mief=	.426	.434	.438	.438	.434	.426	.417	.406	.393	.379	.361	.342	.323	.303	.282	.260	.238	.214	.189	.161	.126	.054	
	tetaf=	8.8	8.2	7.7	7.3	6.9	6.7	6.4	6.1	5.8	5.5	5.3	5.1	4.9	4.7	4.4	4.2	4.0	3.8	3.7	3.4	2.9	1.7	
w=1.8		Valores de mi																						ni0= 2.47
	teta=1.0	.091	.098	.105	.110	.114	.117	.118	.119	.117	.116	.114	.112	.110	.107	.105	.103	.101	.098	.094	.090	.083	.060	.031
	1.5	.136	.143	.149	.155	.159	.164	.167	.169	.170	.170	.168	.166	.164	.161	.157	.153	.147	.141	.133	.123	.111	.081	
	2.0	.180	.186	.192	.198	.203	.207	.210	.213	.215	.216	.216	.215	.212	.208	.201	.194	.186	.176	.163	.149	.133	.098	
	2.5	.223	.229	.235	.240	.245	.249	.252	.255	.257	.258	.256	.254	.249	.244	.238	.229	.217	.203	.187	.170	.152	.114	
	3.0	.265	.271	.276	.281	.285	.289	.292	.294	.293	.292	.289	.286	.281	.275	.266	.254	.240	.225	.207	.189	.169		
	3.5	.302	.310	.317	.321	.325	.326	.327	.326	.325	.322	.319	.315	.309	.299	.288	.274	.259	.242	.224	.205	.185		
	4.0	.333	.342	.350	.355	.358	.359	.358	.356	.354	.351	.347	.340	.330	.319	.306	.291	.275	.258					
	4.5	.362	.369	.375	.379	.383	.385	.386	.384	.381	.377	.370	.360	.349	.336	.322								
	5.0	.386	.392	.397	.401	.404	.407	.408	.408	.407	.399	.389	.378	.365										
	6.0	.422	.432	.437	.440	.443	.445	.446	.443															
	7.0	.446	.457	.467	.475																			
	8.0	.464	.477																					
	mief=	.472	.478	.481	.481	.476	.468	.459	.448	.435	.421	.404	.385	.366	.346	.325	.304	.282	.260	.236	.211	.185	.116	.040
	tetaf=	8.6	8.1	7.6	7.2	7.0	6.7	6.4	6.2	5.9	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.5	2.6	1.3
w=2.0		Valores de mi																						ni0= 2.64
	teta=1.0	.099	.106	.112	.117	.121	.124	.126	.126	.126	.124	.122	.121	.119	.117	.115	.113	.111	.109	.106	.103	.098	.082	.057
	1.5	.148	.154	.160	.166	.170	.174	.177	.180	.181	.181	.181	.179	.177	.174	.171	.168	.163	.158	.152	.145	.135	.109	.078
	2.0	.196	.202	.207	.213	.217	.222	.225	.228	.230	.231	.232	.232	.230	.226	.221	.215	.208	.200	.190	.178	.164	.132	.096
	2.5	.243	.249	.254	.259	.263	.267	.271	.274	.276	.277	.276	.274	.271	.266	.261	.255	.246	.234	.219	.204	.187	.151	
	3.0	.290	.295	.300	.304	.308	.312	.315	.316	.316	.315	.313	.310	.306	.301	.295	.285	.273	.259	.243	.226	.208	.169	
	3.5	.330	.338	.344	.348	.352	.353	.353	.353	.351	.349	.346	.342	.338	.330	.320	.308	.294	.279	.263	.245	.226		
	4.0	.364	.373	.380	.385	.388	.389	.387	.386	.383	.380	.377	.372	.364	.353	.341	.328	.313	.297	.280				
	4.5	.396	.403	.408	.412	.415	.418	.418	.417	.414	.410	.404	.396	.385	.373	.360	.345							
	5.0	.422	.428	.432	.436	.439	.441	.443	.443	.442	.436	.427	.416	.404										
	6.0	.463	.472	.476	.479	.481	.483	.484	.482															
	7.0	.490	.501	.510	.517																			
	8.0	.511																						
	mief=	.518	.522	.524	.524	.518	.510	.501	.489	.477	.463	.447	.428	.409	.389	.369	.348	.327	.305	.282	.258	.233	.176	.105
	tetaf=	8.4	8.0	7.6	7.2	7.0	6.7	6.5	6.2	6.0	5.7	5.5	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.1	3.9	3.7	3.2	2.3

TABELA 9a

ACO CA-50B $\delta=0.15$ $n_{tot}=6$

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		.009	.032	.046	.051	.051	.048	.043	.039	.033	.027	.017													
1.5		.013	.037	.054	.065	.069	.069	.064	.056	.048	.037	.021													
2.0		.017	.042	.061	.074	.081	.083	.080	.072	.060	.045	.025													
2.5		.021	.046	.066	.081	.089	.093	.091	.083	.069	.050														
3.0		.024	.050	.071	.086	.096	.100	.098	.090	.075	.054														
3.5		.027	.054	.075	.091	.101	.105	.103	.094	.079	.058														
4.0		.028	.057	.078	.094	.104	.108	.106	.098	.082															
4.5		.030	.059	.081	.098	.107	.111	.109	.100																
5.0		.031	.061	.084	.100	.110	.114	.111																	
6.0		.033	.063	.087	.104	.114																			
7.0		.035	.065	.089	.106																				
8.0		.036	.067	.091	.108																				
mief=		.039	.070	.093	.108	.116	.117	.111	.100	.082	.058	.027													
tetaf=		14.8	13.6	10.1	8.1	6.8	5.9	5.1	4.5	4.0	3.6	2.4													
=0.2														Valores de mi	ni0= 1.16										
teta=1.0		.015	.035	.048	.054	.055	.052	.048	.043	.039	.033	.026	.015												
1.5		.022	.043	.058	.068	.073	.074	.070	.064	.057	.048	.036	.019												
2.0		.029	.050	.067	.079	.086	.089	.088	.082	.072	.059	.042	.022												
2.5		.036	.057	.074	.087	.096	.100	.100	.094	.083	.067	.047													
3.0		.042	.063	.081	.094	.103	.108	.108	.102	.091	.073	.051													
3.5		.047	.069	.087	.101	.110	.114	.114	.108	.096	.078														
4.0		.050	.074	.092	.106	.115	.119	.118	.112	.099															
4.5		.053	.078	.097	.111	.120	.123	.122	.115																
5.0		.055	.081	.101	.115	.123	.127	.125																	
6.0		.059	.085	.107	.120	.129	.133																		
7.0		.063	.089	.110	.125																				
8.0		.065	.091	.112																					
mief=		.071	.096	.115	.127	.132	.133	.127	.116	.101	.081	.054	.022												
tetaf=		15.3	11.8	9.5	7.9	6.8	6.0	5.3	4.8	4.3	3.8	3.3	2.1												
=0.3														Valores de mi	ni0= 1.25										
teta=1.0		.020	.038	.050	.056	.058	.056	.052	.048	.044	.039	.033	.025	.012											
1.5		.030	.048	.062	.072	.077	.079	.076	.071	.064	.057	.047	.034	.016											
2.0		.039	.057	.072	.084	.091	.095	.095	.091	.082	.071	.057	.040												
2.5		.049	.066	.082	.093	.102	.107	.108	.104	.096	.083	.065	.045												
3.0		.057	.075	.090	.102	.111	.116	.117	.113	.105	.090	.071													
3.5		.064	.083	.099	.111	.119	.124	.124	.120	.111	.096	.076													
4.0		.070	.089	.106	.118	.126	.130	.130	.125	.115	.100														
4.5		.074	.095	.111	.124	.132	.135	.135	.129	.119															
5.0		.077	.100	.117	.129	.137	.140	.139																	
6.0		.083	.106	.125	.137	.144	.148																		
7.0		.088	.111	.130	.143																				
8.0		.091	.115	.133																					
mief=		.098	.120	.136	.146	.149	.149	.142	.132	.119	.101	.078	.049	.017											
tetaf=		13.4	10.8	9.0	7.7	6.8	6.1	5.5	5.0	4.5	4.1	3.7	3.0	1.7											
=0.4														Valores de mi	ni0= 1.33										
teta=1.0		.025	.041	.052	.059	.061	.059	.056	.052	.048	.044	.040	.034	.024	.009										
1.5		.037	.053	.066	.075	.081	.083	.082	.077	.072	.065	.057	.046	.032											
2.0		.048	.064	.078	.089	.096	.100	.101	.098	.092	.083	.071	.056	.037											
2.5		.060	.075	.089	.100	.108	.113	.115	.113	.107	.096	.081	.063	.042											
3.0		.071	.086	.100	.111	.119	.124	.126	.123	.117	.106	.089	.069												
3.5		.079	.096	.110	.121	.129	.133	.134	.132	.124	.112	.095	.074												
4.0		.087	.104	.119	.130	.137	.141	.141	.138	.130	.117														
4.5		.093	.111	.126	.138	.144	.147	.147	.143	.134															
5.0		.098	.118	.132	.143	.151	.153	.153	.147																
6.0		.105	.126	.143	.153	.159	.163																		
7.0		.111	.132	.149	.161																				
8.0		.115	.137	.153																					
mief=		.123	.142	.156	.164	.166	.165	.159	.149	.136	.119	.099	.075	.044	.011										
tetaf=		12.2	10.2	8.7	7.6	6.9	6.2	5.7	5.2	4.7	4.3	3.9	3.6	2.7	1.2										

TABELA 9b

ACO CA-50B delta=0.15 ntot= 6

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= 1.41

w=0.5

Valores de ni

teta=1.0	.029	.044	.055	.061	.064	.063	.060	.056	.053	.049	.045	.040	.033	.022
1.5	.043	.058	.070	.079	.085	.087	.087	.084	.078	.073	.065	.057	.045	.029
2.0	.057	.071	.084	.094	.101	.105	.107	.106	.101	.093	.083	.070	.054	.035
2.5	.070	.084	.097	.107	.115	.120	.123	.121	.117	.109	.096	.080	.061	
3.0	.083	.097	.109	.119	.127	.133	.135	.133	.128	.119	.105	.088	.067	
3.5	.094	.109	.121	.131	.138	.143	.144	.142	.137	.127	.112	.094		
4.0	.103	.118	.132	.142	.148	.152	.152	.150	.144	.133	.118			
4.5	.111	.127	.140	.151	.157	.160	.160	.157	.149					
5.0	.117	.135	.148	.158	.164	.167	.167	.162						
6.0	.126	.146	.160	.169	.175	.178								
7.0	.133	.153	.168	.179										
8.0	.138	.158	.173											

mief= .148 .163 .176 .183 .183 .181 .175 .165 .152 .137 .119 .097 .071 .039 .004

tetaf= 11.3 9.8 8.5 7.5 6.9 6.3 5.8 5.3 4.9 4.5 4.1 3.8 3.4 2.4 0.6

w=0.6

Valores de ni

teta=1.0	.033	.047	.057	.064	.067	.066	.064	.060	.057	.054	.050	.046	.041	.032	.020
1.5	.049	.062	.074	.083	.089	.092	.092	.089	.085	.079	.073	.066	.057	.043	.027
2.0	.065	.078	.089	.099	.106	.111	.113	.112	.109	.103	.093	.083	.068	.052	.033
2.5	.080	.093	.104	.114	.121	.127	.130	.130	.126	.120	.110	.095	.078	.059	
3.0	.095	.107	.118	.128	.135	.141	.143	.142	.139	.132	.120	.105	.086	.065	
3.5	.107	.121	.132	.141	.148	.153	.154	.153	.149	.141	.128	.112	.093		
4.0	.118	.132	.144	.154	.160	.163	.164	.162	.157	.147	.134				
4.5	.128	.142	.154	.164	.170	.172	.172	.170	.163	.153					
5.0	.136	.151	.163	.172	.178	.181	.180	.176	.169						
6.0	.146	.164	.177	.185	.190	.194									
7.0	.154	.173	.187	.196											
8.0	.161	.179	.193												

mief= .170 .184 .195 .200 .200 .197 .192 .181 .169 .155 .138 .118 .095 .066 .034

tetaf= 10.7 9.4 8.3 7.5 6.9 6.4 5.9 5.4 5.0 4.7 4.3 4.0 3.7 3.1 2.1

w=0.7

Valores de ni

teta=1.0	.037	.049	.059	.066	.069	.070	.067	.064	.061	.058	.055	.051	.047	.041	.031	.018
1.5	.055	.067	.078	.086	.092	.096	.096	.095	.091	.086	.081	.074	.066	.056	.042	.025
2.0	.072	.084	.095	.104	.111	.116	.118	.119	.116	.111	.104	.094	.082	.067	.050	
2.5	.090	.101	.112	.121	.128	.133	.136	.137	.135	.130	.122	.109	.094	.076	.057	
3.0	.106	.118	.128	.136	.143	.149	.152	.152	.149	.143	.134	.120	.104	.084		
3.5	.120	.133	.143	.151	.158	.162	.164	.163	.160	.154	.143	.129	.111	.091		
4.0	.132	.146	.157	.165	.171	.174	.175	.174	.170	.162	.150	.135				
4.5	.144	.157	.168	.177	.183	.185	.185	.183	.177	.168						
5.0	.153	.167	.178	.186	.192	.194	.194	.191	.184							
6.0	.166	.183	.194	.201	.206	.209										
7.0	.175	.192	.205	.214												
8.0	.183	.199	.212													

mief= .191 .205 .214 .218 .217 .214 .209 .198 .186 .172 .156 .137 .116 .092 .061 .028

tetaf= 10.3 9.1 8.2 7.4 6.9 6.4 6.0 5.6 5.2 4.8 4.5 4.2 3.8 3.5 2.8 1.8

w=0.8

Valores de ni

teta=1.0	.041	.052	.062	.069	.072	.073	.071	.068	.065	.062	.059	.056	.052	.047	.040	.030	.016
1.5	.060	.072	.082	.090	.096	.100	.101	.100	.097	.092	.088	.082	.075	.066	.054	.040	.022
2.0	.080	.091	.101	.110	.116	.121	.124	.125	.123	.120	.113	.104	.094	.081	.065	.048	
2.5	.099	.110	.119	.128	.135	.140	.143	.145	.143	.139	.132	.123	.109	.092	.074	.055	
3.0	.117	.128	.137	.145	.152	.157	.160	.161	.158	.154	.147	.135	.120	.102	.082		
3.5	.133	.145	.154	.161	.168	.172	.174	.174	.171	.166	.157	.144	.129	.110			
4.0	.147	.159	.169	.177	.183	.185	.186	.185	.182	.175	.165	.152	.136				
4.5	.159	.171	.182	.190	.195	.197	.197	.196	.191	.183	.172						
5.0	.170	.182	.193	.200	.206	.208	.207	.205	.199								
6.0	.185	.201	.210	.217	.221	.224	.225										
7.0	.196	.211	.223	.231													
8.0	.204	.219	.232														

mief= .212 .225 .232 .236 .234 .231 .225 .215 .203 .189 .173 .156 .136 .114 .088 .056 .023

tetaf= 9.9 8.9 8.1 7.4 6.9 6.5 6.0 5.6 5.3 4.9 4.6 4.3 4.0 3.7 3.4 2.6 1.5

ni0= 1.49

ni0= 1.57

ni0= 1.65

TABELA 9c

ACO CA-50B delta=0.15 ntot= 6

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 ni

ni0= 1.74

teta=1.0	.044	.055	.064	.071	.075	.076	.074	.072	.067	.066	.063	.060	.057	.053	.048	.040	.028	.014
1.5	.066	.077	.086	.094	.100	.104	.105	.105	.102	.099	.094	.089	.083	.076	.066	.053	.038	
2.0	.087	.097	.107	.115	.121	.126	.129	.131	.130	.127	.122	.114	.105	.094	.080	.064	.046	
2.5	.108	.118	.127	.135	.141	.146	.150	.152	.151	.148	.143	.135	.123	.108	.091	.073		
3.0	.128	.137	.146	.154	.160	.165	.169	.169	.168	.164	.159	.149	.135	.119	.101	.081		
3.5	.146	.156	.165	.172	.178	.182	.184	.184	.182	.178	.170	.159	.145	.128	.109			
4.0	.160	.172	.182	.189	.194	.197	.197	.197	.194	.189	.180	.168	.153					
4.5	.174	.185	.195	.204	.208	.210	.210	.208	.205	.197	.187							
5.0	.187	.198	.207	.214	.219	.222	.221	.219	.214	.205								
6.0	.204	.218	.227	.233	.237	.240	.241											
7.0	.216	.230	.242	.248														
8.0	.225	.239																

mief= .233 .244 .251 .253 .251 .247 .242 .233 .220 .206 .191 .174 .155 .135 .111 .083 .051 .016

tetaf= 9.6 8.7 8.0 7.4 6.9 6.5 6.1 5.7 5.4 5.1 4.8 4.5 4.2 3.9 3.6 3.1 2.3 1.2

w=1.0

Valores de ni

ni0= 1.82

teta=1.0	.048	.058	.067	.073	.077	.079	.078	.076	.073	.070	.067	.064	.061	.058	.054	.048	.039	.026
1.5	.071	.081	.090	.098	.104	.108	.109	.110	.108	.104	.100	.096	.091	.084	.076	.065	.051	.036
2.0	.094	.104	.113	.120	.127	.132	.133	.136	.136	.134	.130	.124	.115	.106	.093	.078	.062	.044
2.5	.116	.126	.134	.142	.148	.153	.157	.159	.159	.157	.152	.145	.136	.122	.107	.089	.071	
3.0	.138	.147	.155	.162	.168	.173	.177	.178	.177	.174	.169	.162	.150	.135	.118	.099		
3.5	.158	.168	.175	.182	.188	.192	.194	.194	.192	.189	.183	.173	.161	.145	.128	.108		
4.0	.174	.185	.194	.201	.206	.208	.209	.208	.206	.202	.194	.183	.169	.154				
4.5	.189	.199	.209	.217	.221	.222	.222	.221	.218	.212	.202	.191						
5.0	.202	.213	.222	.229	.233	.236	.235	.233	.228	.220								
6.0	.223	.236	.243	.248	.252	.255	.256											
7.0	.235	.249	.260	.266														
8.0	.245	.259																

mief= .254 .263 .269 .271 .268 .264 .259 .250 .237 .223 .208 .192 .174 .155 .133 .109 .078 .046 .009

tetaf= 9.4 8.6 7.9 7.3 6.9 6.5 6.2 5.8 5.5 5.2 4.9 4.6 4.3 4.1 3.8 3.5 2.9 2.1 0.8

w=1.1

Valores de ni

ni0= 1.90

teta=1.0	.051	.061	.070	.076	.080	.082	.081	.079	.077	.074	.071	.069	.066	.063	.059	.055	.048	.037	.024
1.5	.076	.086	.095	.102	.107	.111	.114	.114	.113	.110	.106	.102	.098	.092	.085	.076	.064	.050	.034
2.0	.101	.110	.118	.126	.132	.137	.140	.142	.142	.141	.138	.133	.125	.116	.106	.092	.077	.060	
2.5	.125	.134	.142	.149	.155	.160	.164	.166	.167	.165	.161	.155	.148	.136	.122	.105	.088	.069	
3.0	.148	.157	.164	.171	.177	.182	.185	.187	.186	.184	.180	.173	.163	.150	.135	.117	.098		
3.5	.170	.179	.186	.192	.198	.202	.204	.204	.203	.200	.195	.187	.175	.161	.145	.127			
4.0	.187	.198	.206	.213	.217	.219	.220	.219	.217	.214	.207	.197	.185	.171					
4.5	.203	.213	.223	.230	.234	.235	.235	.234	.231	.226	.217	.206							
5.0	.218	.228	.237	.243	.247	.249	.249	.247	.243	.236									
6.0	.241	.253	.259	.264	.268	.270	.272												
7.0	.255	.268	.278	.283															
8.0	.265	.278																	

mief= .274 .282 .287 .288 .285 .281 .276 .267 .254 .241 .226 .210 .193 .174 .153 .131 .105 .073 .040

tetaf= 9.2 8.4 7.8 7.3 6.9 6.6 6.2 5.9 5.6 5.3 5.0 4.7 4.4 4.2 3.9 3.7 3.4 2.7 1.9

w=1.2

Valores de ni

ni0= 1.98

teta=1.0	.055	.064	.072	.078	.082	.084	.084	.083	.080	.078	.075	.073	.070	.067	.064	.060	.055	.047	.036	.022
1.5	.082	.091	.099	.106	.111	.115	.118	.119	.118	.116	.112	.108	.104	.099	.093	.086	.075	.063	.048	.032
2.0	.108	.116	.124	.131	.137	.142	.146	.148	.148	.148	.145	.141	.134	.126	.117	.105	.091	.075	.058	
2.5	.133	.142	.149	.156	.162	.167	.170	.173	.174	.173	.170	.165	.158	.149	.136	.121	.104	.087	.068	
3.0	.158	.166	.173	.180	.185	.190	.194	.196	.195	.193	.190	.184	.176	.165	.150	.134	.116	.096		
3.5	.182	.190	.197	.203	.208	.212	.214	.214	.213	.210	.206	.200	.190	.177	.162	.145	.126			
4.0	.201	.210	.219	.225	.229	.231	.232	.231	.229	.226	.220	.212	.200	.187	.171					
4.5	.217	.227	.236	.243	.247	.248	.248	.246	.244	.240	.232	.222	.209							
5.0	.233	.243	.251	.257	.261	.263	.263	.261	.258	.251	.242									
6.0	.259	.269	.275	.280	.283	.286	.287													
7.0	.274	.286	.295	.300																
8.0	.285	.298																		

mief= .294 .301 .305 .305 .302 .297 .292 .284 .272 .258 .243 .228 .211 .193 .173 .151 .128 .100 .068 .035

tetaf= 9.0 8.3 7.7 7.3 6.9 6.6 6.3 5.9 5.6 5.4 5.1 4.8 4.6 4.3 4.1 3.8 3.6 3.2 2.5 1.7

TABELA 9d

ACO CA-508 delta=0.15 ntot= 6

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 ni

ni0= 2.14

w=1.4

teta=1.0	.062	.070	.078	.083	.088	.090	.091	.089	.087	.085	.083	.081	.078	.076	.073	.070	.067	.062	.055	.045	.032
1.5	.092	.100	.107	.114	.119	.123	.126	.127	.127	.126	.123	.120	.116	.113	.108	.102	.095	.086	.074	.060	.044
2.0	.121	.129	.136	.143	.148	.153	.156	.159	.160	.160	.159	.156	.152	.145	.137	.129	.117	.104	.089	.072	.055
2.5	.150	.157	.164	.170	.176	.180	.184	.187	.189	.189	.187	.183	.178	.171	.162	.149	.135	.119	.102	.084	
3.0	.178	.185	.191	.197	.202	.207	.210	.213	.213	.212	.209	.205	.200	.191	.179	.165	.149	.132	.113		
3.5	.205	.212	.218	.223	.228	.232	.234	.235	.234	.232	.228	.224	.216	.206	.193	.178	.162	.144			
4.0	.227	.235	.243	.248	.252	.254	.254	.252	.250	.246	.239	.229	.218	.204	.189						
4.5	.246	.255	.263	.269	.273	.274	.273	.272	.269	.266	.260	.251	.241	.228							
5.0	.264	.273	.280	.285	.289	.291	.291	.289	.286	.281	.272	.262									
6.0	.294	.302	.307	.311	.314	.317	.318	.317													
7.0	.311	.323	.331	.334																	
8.0	.325	.336																			

mief= .332 .338 .341 .340 .336 .331 .326 .319 .307 .293 .278 .263 .247 .229 .211 .191 .170 .147 .122 .090 .058

tetaf= 8.7 8.1 7.6 7.3 6.9 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 3.4 2.8 2.1

w=1.6

Valores de ni

ni0= 2.31

teta=1.0	.068	.076	.083	.089	.093	.095	.096	.096	.094	.092	.090	.088	.086	.084	.081	.079	.076	.073	.069	.062	.053	.028
1.5	.102	.109	.116	.122	.127	.131	.134	.136	.136	.136	.134	.131	.128	.125	.121	.116	.111	.104	.095	.084	.071	.041
2.0	.134	.141	.148	.154	.159	.163	.167	.170	.171	.172	.172	.170	.167	.162	.156	.148	.140	.129	.116	.102	.086	
2.5	.166	.173	.179	.185	.190	.194	.198	.201	.203	.204	.203	.201	.197	.191	.184	.175	.163	.148	.133	.116	.099	
3.0	.197	.203	.209	.215	.219	.224	.227	.230	.231	.230	.228	.225	.220	.215	.206	.194	.180	.165	.148	.130	.111	
3.5	.228	.234	.239	.244	.248	.252	.254	.255	.254	.253	.250	.246	.241	.233	.222	.209	.195	.178	.161	.142		
4.0	.252	.260	.267	.272	.275	.277	.278	.277	.275	.273	.270	.265	.257	.247	.235	.222	.207					
4.5	.274	.282	.290	.296	.299	.299	.299	.297	.295	.292	.288	.281	.271	.260	.247							
5.0	.294	.302	.309	.313	.317	.319	.319	.317	.314	.310	.303	.294										
6.0	.328	.335	.339	.343	.346	.348	.349	.349														
7.0	.349	.359	.366	.369																		
8.0	.364																					

mief= .370 .375 .377 .374 .370 .365 .359 .353 .342 .329 .314 .298 .282 .265 .248 .229 .209 .188 .166 .143 .112 .047

tetaf= 8.5 8.0 7.6 7.2 6.9 6.7 6.4 6.1 5.9 5.6 5.4 5.2 5.0 4.8 4.5 4.3 4.1 3.9 3.7 3.5 3.0 1.8

w=1.8

Valores de ni

ni0= 2.47

teta=1.0	.075	.082	.088	.094	.098	.101	.102	.102	.101	.099	.097	.095	.093	.091	.089	.087	.085	.082	.079	.075	.070	.050	.025
1.5	.111	.118	.124	.130	.135	.139	.142	.144	.145	.145	.144	.142	.139	.136	.133	.130	.125	.119	.113	.105	.094	.068	
2.0	.147	.153	.160	.165	.170	.174	.178	.181	.183	.184	.184	.183	.181	.178	.173	.167	.159	.151	.141	.128	.114	.083	
2.5	.182	.188	.194	.199	.204	.208	.212	.215	.217	.218	.219	.217	.214	.210	.204	.197	.188	.176	.162	.147	.131	.097	
3.0	.216	.222	.227	.232	.237	.240	.244	.247	.248	.248	.247	.244	.240	.236	.230	.221	.209	.195	.180	.163	.146		
3.5	.250	.255	.260	.264	.268	.272	.275	.275	.275	.274	.271	.268	.264	.258	.249	.238	.225	.211	.195	.178	.160		
4.0	.277	.285	.291	.296	.299	.300	.301	.300	.299	.296	.294	.290	.284	.276	.265	.253	.239	.224					
4.5	.301	.309	.317	.322	.325	.325	.324	.323	.321	.318	.315	.309	.300	.290	.279	.266							
5.0	.324	.331	.337	.341	.344	.346	.347	.345	.342	.339	.333	.325	.315										
6.0	.362	.367	.371	.374	.377	.379	.380	.380															
7.0	.385	.395	.400	.403																			
8.0	.403																						

mief= .407 .411 .412 .409 .404 .399 .393 .387 .377 .364 .349 .334 .318 .301 .284 .266 .247 .228 .207 .185 .162 .102 .034

tetaf= 8.3 7.9 7.5 7.2 7.0 6.7 6.5 6.2 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 2.7 1.4

w=2.0

Valores de ni

ni0= 2.64

teta=1.0	.081	.088	.094	.099	.103	.106	.108	.108	.108	.106	.104	.102	.101	.099	.097	.095	.093	.090	.088	.086	.082	.069	.047
1.5	.121	.127	.133	.138	.143	.147	.150	.152	.154	.154	.154	.152	.150	.147	.144	.141	.138	.134	.128	.122	.115	.093	.065
2.0	.160	.166	.171	.176	.181	.185	.189	.192	.194	.195	.196	.195	.194	.193	.189	.184	.177	.170	.163	.152	.140	.112	.080
2.5	.198	.203	.209	.214	.218	.222	.225	.228	.231	.232	.233	.233	.231	.227	.223	.217	.210	.201	.190	.176	.161	.129	
3.0	.235	.240	.245	.250	.254	.258	.261	.264	.266	.266	.265	.263	.260	.256	.251	.245	.235	.224	.210	.195	.179	.144	
3.5	.272	.276	.281	.285	.289	.292	.295	.296	.296	.294	.292	.289	.286	.281	.275	.266	.254	.242	.227	.212	.195		
4.0	.302	.309	.315	.319	.322	.324	.324	.323	.322	.320	.317	.314	.310	.303	.294	.283	.270	.257	.242				
4.5	.329	.336	.343	.348	.351	.351	.350	.349	.347	.344	.341	.336	.329	.320	.309	.297	.284						
5.0	.353	.360	.366	.369	.372	.374	.375	.373	.370	.367	.362	.355	.346	.335									
6.0	.395	.399	.402	.405	.408	.410	.411	.411	.410														
7.0	.422	.430	.435	.437																			
8.0	.441																						

mief= .444 .447 .447 .443 .438 .433 .427 .420 .412 .400 .385 .370 .354 .337 .320 .303 .285 .266 .246 .225 .204 .156 .092

tetaf= 8.2 7.8 7.4 7.2 7.0 6.7 6.5 6.3 6.1 5.8 5.6 5.4 5.3 5.1 4.9 4.7 4.5 4.3 4.2 4.0 3.8 3.4 2.4

TABELA 10a

ACO CA-508 delta=0.05 ntot= 20

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 ni ni0= 1.00

teta=1.0	.010	.034	.047	.053	.053	.050	.045	.041	.035	.028	.018
1.5	.016	.040	.057	.068	.072	.072	.067	.059	.050	.039	.023
2.0	.021	.046	.065	.078	.085	.087	.084	.075	.063	.047	.026
2.5	.025	.051	.071	.085	.094	.098	.095	.086	.072	.053	
3.0	.028	.056	.077	.092	.101	.105	.103	.094	.078	.057	
3.5	.030	.059	.081	.097	.107	.110	.108	.099	.083	.061	
4.0	.032	.061	.085	.101	.111	.115	.112	.102	.086		
4.5	.033	.064	.087	.104	.115	.118	.115	.105			
5.0	.035	.066	.090	.107	.117	.121	.117				
6.0	.037	.069	.093	.110	.121						
7.0	.038	.071	.096	.113							
8.0	.039	.072	.097	.115							

mief= .041 .075 .099 .115 .123 .124 .117 .105 .086 .061 .029

tetaf= 12.6 14.2 10.3 8.1 6.8 5.8 5.1 4.5 4.0 3.6 2.4

ni0= 1.16

w=0.2 Valores de ni

teta=1.0	.018	.039	.052	.058	.059	.056	.052	.047	.043	.037	.029	.016
1.5	.028	.048	.064	.074	.079	.080	.076	.070	.062	.052	.039	.021
2.0	.037	.058	.074	.086	.094	.097	.095	.089	.078	.064	.047	
2.5	.045	.066	.084	.097	.105	.109	.108	.102	.090	.073	.052	
3.0	.051	.074	.092	.106	.115	.119	.117	.110	.098	.080	.057	
3.5	.055	.080	.099	.114	.122	.126	.124	.117	.104	.085		
4.0	.059	.084	.105	.120	.129	.132	.129	.121	.108			
4.5	.062	.088	.109	.125	.134	.137	.134	.125				
5.0	.064	.092	.113	.128	.138	.141	.138					
6.0	.069	.097	.119	.134	.143							
7.0	.072	.101	.123	.138								
8.0	.074	.103	.125									

mief= .078 .107 .128 .141 .146 .146 .139 .127 .110 .087 .059 .024

tetaf= 13.4 12.6 9.7 8.0 6.8 5.9 5.3 4.7 4.2 3.8 3.2 2.0

ni0= 1.25

w=0.3 Valores de ni

teta=1.0	.026	.044	.056	.062	.064	.061	.058	.054	.050	.045	.039	.029	.014
1.5	.038	.056	.071	.080	.086	.087	.085	.080	.073	.064	.053	.039	.019
2.0	.051	.069	.084	.095	.103	.106	.106	.101	.092	.080	.064	.046	
2.5	.062	.081	.096	.108	.116	.121	.121	.116	.106	.091	.073	.051	
3.0	.071	.092	.108	.120	.128	.132	.132	.126	.116	.100	.080		
3.5	.078	.100	.118	.130	.138	.141	.140	.134	.123	.107	.086		
4.0	.083	.106	.125	.139	.147	.149	.147	.140	.129	.112			
4.5	.088	.112	.131	.145	.153	.156	.153	.145					
5.0	.092	.116	.136	.150	.158	.161	.158						
6.0	.099	.124	.143	.157	.166	.169							
7.0	.104	.129	.149	.163									
8.0	.106	.133	.153										

mief= .113 .138 .156 .167 .170 .169 .162 .149 .133 .112 .087 .055 .019

tetaf= 14.0 11.5 9.3 7.8 6.8 6.0 5.4 4.9 4.4 4.0 3.6 2.9 1.6

ni0= 1.33

w=0.4 Valores de ni

teta=1.0	.032	.048	.060	.067	.069	.067	.064	.060	.056	.052	.047	.040	.029	.012
1.5	.048	.064	.077	.087	.093	.095	.093	.089	.083	.075	.066	.054	.038	
2.0	.064	.080	.093	.104	.111	.116	.116	.113	.106	.094	.081	.065	.045	
2.5	.079	.095	.108	.119	.128	.132	.133	.130	.122	.109	.093	.073	.051	
3.0	.090	.109	.123	.134	.142	.146	.146	.142	.133	.120	.102	.080		
3.5	.099	.119	.135	.147	.154	.157	.156	.151	.142	.128	.109	.086		
4.0	.106	.128	.145	.157	.165	.167	.165	.159	.148	.134				
4.5	.113	.135	.152	.165	.173	.175	.172	.165	.154					
5.0	.118	.141	.158	.171	.179	.181	.179	.171						
6.0	.127	.150	.168	.180	.188	.191								
7.0	.134	.157	.175	.187										
8.0	.138	.162	.180											

mief= .146 .168 .183 .192 .194 .192 .185 .172 .156 .137 .114 .086 .051 .013

tetaf= 13.5 10.8 9.0 7.8 6.8 6.1 5.5 5.0 4.6 4.2 3.9 3.5 2.5 1.2

TABELA 10b

ACO CA-508 delta=0.05 ntot= 20

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 ni																																																																																																																																		
teta=1.0	.039	.053	.064	.071	.074	.073	.069	.066	.063	.059	.055	.049	.040	.028	ni0= 1.41																																																																																																																			
1.5	.057	.072	.084	.093	.099	.102	.101	.098	.093	.086	.078	.067	.054	.037																																																																																																																				
2.0	.076	.091	.103	.113	.120	.125	.126	.124	.118	.109	.096	.082	.065	.044																																																																																																																				
2.5	.094	.108	.121	.131	.139	.144	.145	.143	.136	.126	.111	.093	.073																																																																																																																					
3.0	.109	.125	.138	.148	.156	.160	.160	.157	.149	.138	.122	.103	.080																																																																																																																					
3.5	.120	.138	.153	.164	.170	.173	.172	.168	.159	.147	.131	.111																																																																																																																						
4.0	.129	.149	.165	.176	.183	.185	.183	.177	.168	.155	.138																																																																																																																							
4.5	.137	.157	.174	.185	.192	.194	.192	.185	.175																																																																																																																									
5.0	.144	.164	.181	.193	.200	.202	.200	.193																																																																																																																										
6.0	.155	.176	.192	.204	.211	.213																																																																																																																												
7.0	.163	.184	.201	.212																																																																																																																														
8.0	.168	.190	.207																																																																																																																															
mief=	.177	.197	.210	.217	.218	.215	.208	.195	.179	.160	.139	.114	.083	.046	.006																																																																																																																			
tetaf=	12.4	10.2	8.8	7.7	6.9	6.2	5.6	5.2	4.8	4.4	4.0	3.7	3.2	2.2	0.6																																																																																																																			
w=0.6																																																																																																																																		
Valores de ni																																																																																																																																		
teta=1.0	.045	.058	.069	.075	.078	.078	.075	.072	.069	.065	.062	.057	.050	.040	.026	ni0= 1.49																																																																																																																		
1.5	.066	.080	.091	.100	.106	.109	.109	.107	.102	.096	.089	.080	.068	.054	.035																																																																																																																			
2.0	.088	.101	.113	.122	.129	.134	.136	.135	.130	.122	.111	.098	.082	.064																																																																																																																				
2.5	.109	.122	.133	.143	.150	.155	.157	.156	.150	.141	.129	.112	.094	.073																																																																																																																				
3.0	.127	.142	.153	.163	.170	.174	.174	.172	.165	.155	.141	.124	.103																																																																																																																					
3.5	.140	.157	.171	.181	.187	.189	.188	.184	.177	.166	.152	.133	.112																																																																																																																					
4.0	.151	.169	.184	.195	.201	.203	.201	.195	.187	.175	.160																																																																																																																							
4.5	.160	.179	.195	.205	.212	.214	.211	.205	.196	.183																																																																																																																								
5.0	.169	.188	.203	.214	.220	.223	.220	.214																																																																																																																										
6.0	.182	.201	.216	.227	.233	.236																																																																																																																												
7.0	.191	.211	.226	.236																																																																																																																														
8.0	.198	.218	.234																																																																																																																															
mief=	.208	.225	.237	.242	.242	.238	.231	.218	.202	.184	.163	.140	.113	.079	.041																																																																																																																			
tetaf=	11.6	9.8	8.6	7.6	6.9	6.2	5.7	5.3	4.9	4.5	4.2	3.9	3.6	2.9	1.9																																																																																																																			
w=0.7																																																																																																																																		
Valores de ni																																																																																																																																		
teta=1.0	.050	.063	.073	.080	.083	.083	.081	.078	.075	.072	.068	.064	.059	.051	.040	.024	ni0= 1.57																																																																																																																	
1.5	.075	.088	.098	.107	.113	.116	.117	.115	.111	.106	.100	.092	.082	.069	.053	.033																																																																																																																		
2.0	.099	.112	.122	.131	.138	.143	.145	.145	.142	.135	.126	.113	.099	.083	.063																																																																																																																			
2.5	.123	.135	.146	.154	.162	.167	.169	.168	.164	.156	.145	.131	.113	.094	.072																																																																																																																			
3.0	.144	.158	.168	.177	.184	.188	.188	.186	.181	.172	.160	.144	.125	.104																																																																																																																				
3.5	.159	.175	.188	.198	.203	.205	.205	.201	.194	.185	.171	.155	.135																																																																																																																					
4.0	.172	.190	.203	.214	.219	.221	.219	.214	.206	.195	.181	.164																																																																																																																						
4.5	.183	.201	.215	.225	.232	.234	.231	.225	.216	.204																																																																																																																								
5.0	.193	.211	.225	.235	.241	.243	.241	.235	.225																																																																																																																									
6.0	.208	.226	.240	.250	.256	.258																																																																																																																												
7.0	.219	.237	.251	.261																																																																																																																														
8.0	.226	.245	.260																																																																																																																															
mief=	.237	.252	.263	.266	.266	.261	.254	.242	.225	.207	.187	.165	.140	.111	.074	.035																																																																																																																		
tetaf=	11.0	9.5	8.4	7.6	6.9	6.3	5.8	5.4	5.0	4.7	4.4	4.1	3.8	3.4	2.6	1.6																																																																																																																		
w=0.8																																																																																																																																		
Valores de ni																																																																																																																																		
teta=1.0	.056	.068	.077	.084	.088	.088	.086	.084	.081	.078	.074	.071	.067	.061	.051	.039	.022	ni0= 1.65																																																																																																																
1.5	.084	.095	.105	.113	.119	.123	.124	.123	.120	.116	.110	.103	.094	.083	.069	.052																																																																																																																		
2.0	.111	.122	.132	.140	.147	.152	.155	.155	.153	.148	.139	.128	.115	.100	.082	.062																																																																																																																		
2.5	.137	.148	.158	.166	.173	.178	.181	.181	.177	.171	.161	.148	.132	.114	.094																																																																																																																			
3.0	.161	.173	.183	.191	.198	.202	.203	.201	.196	.188	.177	.163	.146	.126	.104																																																																																																																			
3.5	.179	.194	.206	.215	.219	.221	.221	.218	.211	.202	.191	.175	.158	.136																																																																																																																				
4.0	.193	.210	.223	.232	.238	.239	.237	.232	.225	.215	.202	.186																																																																																																																						
4.5	.206	.223	.236	.246	.251	.253	.251	.245	.236	.225																																																																																																																								
5.0	.217	.233	.247	.256	.262	.264	.262	.256	.247																																																																																																																									
6.0	.234	.251	.263	.273	.279	.280																																																																																																																												
7.0	.247	.263	.276	.285																																																																																																																														
8.0	.255	.272	.286																																																																																																																															
mief=	.266	.280	.289	.291	.289	.285	.277	.265	.249	.231	.211	.190	.166	.139	.107	.069	.029																																																																																																																	
tetaf=	10.6	9.3	8.3	7.5	6.9	6.3	5.9	5.5	5.1	4.8	4.5	4.2	3.9	3.6	3.2	2.4	1.4																																																																																																																	
w=0.9																																																																																																																																		
Valores de ni																																																																																																																																		

TABELA 10c

ACO CA-50B delta=0.05 ntot= 20

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

m=0.9

Valores de ni

ni0= 1.74

teta=1.0	.062	.073	.082	.088	.092	.093	.092	.089	.087	.084	.081	.078	.074	.069	.062	.051	.038	.020
1.5	.092	.103	.112	.120	.126	.130	.131	.131	.129	.125	.120	.113	.106	.096	.083	.069	.050	
2.0	.122	.132	.142	.150	.156	.161	.164	.165	.164	.160	.152	.142	.130	.116	.100	.082	.061	
2.5	.151	.161	.170	.178	.185	.190	.193	.193	.190	.185	.176	.165	.150	.133	.114	.094		
3.0	.177	.189	.198	.206	.212	.216	.217	.215	.211	.204	.194	.182	.166	.148	.127			
3.5	.197	.212	.223	.231	.236	.238	.237	.234	.228	.220	.209	.195	.179	.160	.137			
4.0	.214	.230	.242	.251	.256	.257	.255	.250	.243	.234	.222	.207	.190					
4.5	.228	.244	.257	.266	.271	.273	.271	.265	.257	.246	.233							
5.0	.240	.256	.269	.277	.283	.285	.283	.278	.269									
6.0	.259	.275	.287	.296	.301	.303												
7.0	.274	.289	.301	.309														
8.0	.283	.299	.313															

mief= .294 .306 .314 .315 .313 .309 .301 .289 .273 .255 .235 .214 .191 .166 .138 .102 .064 .022

tetaf= 10.2 9.1 8.2 7.5 6.9 6.4 5.9 5.5 5.2 4.9 4.6 4.3 4.1 3.8 3.5 2.9 2.1 1.1

m=1.0

Valores de ni

ni0= 1.82

teta=1.0	.067	.078	.086	.093	.097	.098	.097	.095	.092	.090	.087	.084	.081	.077	.071	.062	.051	.036
1.5	.100	.110	.119	.127	.133	.136	.138	.139	.137	.133	.129	.124	.117	.108	.097	.084	.068	.049
2.0	.133	.142	.151	.159	.165	.170	.173	.175	.174	.171	.165	.156	.145	.132	.117	.101	.081	
2.5	.165	.174	.182	.190	.196	.201	.205	.205	.203	.199	.191	.181	.168	.152	.134	.115	.093	
3.0	.194	.205	.213	.220	.226	.230	.231	.230	.226	.220	.211	.200	.185	.168	.149	.127		
3.5	.216	.230	.240	.248	.253	.254	.253	.251	.245	.238	.228	.215	.199	.182	.161			
4.0	.235	.249	.261	.270	.274	.275	.273	.269	.262	.253	.242	.228	.212					
4.5	.250	.266	.277	.286	.291	.292	.290	.285	.277	.267	.254							
5.0	.263	.278	.290	.299	.304	.306	.304	.299	.290	.279								
6.0	.285	.299	.310	.319	.324	.325												
7.0	.300	.315	.326	.334														
8.0	.310	.326	.339															

mief= .322 .333 .340 .340 .337 .332 .324 .313 .297 .279 .259 .238 .216 .192 .165 .135 .097 .058 .013

tetaf= 9.9 8.9 8.1 7.5 6.9 6.4 6.0 5.6 5.3 5.0 4.7 4.5 4.2 3.9 3.7 3.3 2.7 1.9 0.7

m=1.1

Valores de ni

ni0= 1.90

teta=1.0	.073	.083	.091	.097	.101	.103	.102	.100	.098	.095	.093	.090	.087	.084	.079	.072	.063	.050	.034
1.5	.108	.118	.126	.134	.139	.143	.146	.146	.145	.142	.138	.133	.127	.119	.110	.098	.084	.067	.047
2.0	.143	.153	.161	.168	.174	.179	.183	.185	.185	.182	.177	.169	.159	.147	.134	.118	.100	.081	
2.5	.178	.187	.195	.202	.208	.213	.216	.217	.216	.212	.205	.196	.184	.170	.153	.135	.115		
3.0	.210	.220	.228	.235	.240	.244	.245	.244	.241	.236	.227	.217	.204	.186	.170	.149	.127		
3.5	.235	.247	.258	.265	.269	.271	.270	.267	.262	.255	.246	.234	.219	.203	.184	.162			
4.0	.255	.269	.280	.289	.293	.294	.292	.287	.280	.272	.261	.248	.233	.216					
4.5	.272	.287	.298	.306	.311	.312	.310	.305	.297	.287	.275	.261							
5.0	.286	.301	.312	.320	.325	.327	.325	.320	.312	.301									
6.0	.310	.323	.333	.342	.347	.348	.347												
7.0	.326	.340	.351	.358															
8.0	.338	.353	.365																

mief= .350 .360 .365 .364 .361 .356 .347 .336 .322 .303 .283 .263 .241 .218 .192 .165 .130 .092 .051

tetaf= 9.7 8.8 8.0 7.4 6.9 6.4 6.0 5.7 5.4 5.1 4.8 4.6 4.3 4.1 3.8 3.6 3.1 2.5 1.7

m=1.2

Valores de ni

ni0= 1.98

teta=1.0	.078	.087	.095	.102	.106	.108	.108	.106	.103	.101	.098	.096	.093	.090	.087	.081	.073	.063	.049	.032
1.5	.116	.125	.134	.141	.146	.150	.153	.153	.150	.147	.143	.137	.130	.122	.111	.098	.083	.066		
2.0	.154	.163	.171	.178	.184	.188	.192	.194	.195	.193	.189	.182	.173	.162	.149	.135	.118	.100	.080	
2.5	.191	.200	.207	.214	.220	.225	.228	.230	.229	.225	.219	.211	.200	.187	.172	.154	.135	.115		
3.0	.226	.235	.243	.249	.255	.258	.260	.259	.256	.251	.243	.234	.222	.207	.190	.171	.150			
3.5	.253	.265	.275	.282	.286	.287	.286	.284	.279	.272	.263	.252	.239	.223	.206	.186	.163			
4.0	.276	.289	.299	.307	.311	.312	.310	.306	.299	.291	.281	.268	.254	.238						
4.5	.294	.308	.318	.326	.330	.332	.330	.325	.317	.308	.296	.283								
5.0	.309	.323	.334	.341	.346	.348	.346	.341	.334	.323										
6.0	.334	.347	.357	.365	.369	.371	.369													
7.0	.352	.365	.375	.382																
8.0	.365	.379																		

mief= .376 .386 .390 .388 .385 .380 .371 .360 .346 .328 .308 .287 .265 .243 .218 .192 .163 .126 .086 .045

tetaf= 9.5 8.7 8.0 7.4 6.9 6.5 6.1 5.7 5.4 5.2 4.9 4.7 4.4 4.2 4.0 3.7 3.5 2.9 2.3 1.5



TABELA 10d

ACO CA-50B delta=0.05 ntot= 20

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 ni

ni0= 2.14

teta=1.0	.089	.097	.105	.111	.115	.117	.118	.117	.114	.112	.110	.108	.105	.103	.100	.097	.091	.084	.074	.061	.046
1.5	.132	.140	.148	.154	.160	.164	.167	.168	.168	.167	.164	.161	.157	.151	.144	.135	.125	.113	.098	.082	.063
2.0	.175	.183	.190	.197	.202	.207	.210	.213	.214	.214	.211	.206	.199	.190	.179	.166	.152	.136	.119	.099	
2.5	.218	.225	.232	.238	.243	.248	.252	.254	.253	.251	.247	.240	.231	.220	.207	.191	.174	.156	.136	.114	
3.0	.258	.266	.272	.278	.283	.287	.288	.288	.285	.281	.275	.266	.256	.244	.229	.212	.193	.173	.151		
3.5	.289	.301	.310	.316	.319	.320	.319	.317	.313	.307	.298	.289	.277	.263	.247	.230	.210	.188			
4.0	.315	.328	.338	.345	.348	.349	.347	.343	.336	.329	.319	.308	.295	.280	.264						
4.5	.337	.350	.359	.366	.370	.371	.370	.365	.358	.349	.338	.325	.311								
5.0	.354	.367	.377	.383	.387	.389	.388	.383	.377	.367	.355										
6.0	.383	.394	.403	.411	.415	.416	.415														
7.0	.404	.416	.425	.431																	
8.0	.418	.432																			

mief= .430 .437 .440 .437 .433 .427 .418 .408 .394 .377 .357 .336 .315 .292 .269 .245 .218 .190 .154 .115 .074

tetaf= 9.2 8.5 7.9 7.4 6.9 6.5 6.2 5.8 5.6 5.3 5.1 4.8 4.6 4.4 4.2 4.0 3.8 3.6 3.1 2.5 1.9

w=1.6

Valores de ni

ni0= 2.31

teta=1.0	.099	.107	.114	.120	.124	.126	.127	.127	.125	.123	.121	.119	.117	.114	.112	.110	.107	.101	.094	.085	.073	.042
1.5	.148	.155	.162	.168	.173	.177	.180	.182	.183	.182	.180	.178	.174	.170	.165	.158	.149	.139	.127	.113	.098	.059
2.0	.196	.203	.210	.216	.221	.225	.229	.232	.233	.234	.233	.229	.224	.216	.207	.195	.183	.169	.154	.137	.118	
2.5	.243	.250	.256	.262	.267	.271	.275	.277	.278	.277	.273	.268	.260	.251	.239	.226	.211	.194	.176	.157	.136	
3.0	.289	.296	.302	.307	.312	.315	.317	.317	.315	.311	.306	.299	.289	.278	.266	.251	.234	.216	.196	.174		
3.5	.325	.336	.344	.350	.353	.354	.353	.350	.346	.341	.333	.324	.314	.302	.287	.271	.254	.234	.213			
4.0	.355	.367	.376	.382	.385	.386	.384	.380	.374	.366	.357	.347	.335	.322	.306	.290						
4.5	.380	.391	.400	.406	.410	.411	.410	.405	.398	.389	.379	.368	.354	.340								
5.0	.399	.411	.420	.425	.429	.431	.430	.426	.420	.411	.399											
6.0	.431	.441	.449	.456	.460	.461	.460															
7.0	.455	.465	.473	.479																		
8.0	.472	.485																				

mief= .483 .489 .489 .486 .481 .475 .466 .455 .442 .426 .406 .385 .364 .342 .319 .296 .271 .244 .216 .183 .144 .061

tetaf= 8.9 8.3 7.8 7.3 6.9 6.5 6.2 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 2.7 1.5

w=1.8

Valores de ni

ni0= 2.47

teta=1.0	.110	.117	.123	.129	.133	.136	.137	.137	.136	.134	.132	.130	.128	.126	.124	.122	.119	.116	.111	.105	.096	.071	.037
1.5	.163	.170	.177	.182	.187	.191	.194	.196	.197	.197	.196	.194	.191	.188	.184	.178	.171	.163	.153	.142	.128	.096	
2.0	.217	.223	.229	.235	.240	.244	.247	.250	.252	.253	.253	.251	.247	.241	.233	.224	.212	.200	.186	.171	.155	.117	
2.5	.269	.275	.281	.286	.291	.295	.299	.301	.302	.302	.299	.295	.289	.281	.271	.259	.246	.230	.214	.196	.177		
3.0	.320	.326	.332	.336	.341	.344	.346	.346	.344	.341	.336	.330	.322	.312	.301	.288	.273	.256	.238	.218	.197		
3.5	.361	.371	.378	.384	.386	.387	.386	.383	.380	.375	.368	.360	.350	.339	.326	.311	.295	.278	.259	.238			
4.0	.394	.405	.413	.420	.422	.423	.421	.417	.411	.404	.395	.386	.375	.362	.348	.332	.315	.297					
4.5	.422	.432	.440	.446	.450	.451	.450	.446	.439	.430	.421	.410	.397	.383	.368								
5.0	.443	.454	.462	.468	.471	.473	.472	.468	.462	.454	.444	.431											
6.0	.478	.488	.496	.502	.506	.506	.505	.502															
7.0	.505	.515	.522	.527																			
8.0	.525	.537																					

mief= .535 .539 .538 .534 .529 .522 .513 .502 .490 .474 .456 .435 .414 .392 .369 .346 .322 .297 .271 .243 .212 .133 .046

tetaf= 8.7 8.2 7.7 7.3 6.9 6.6 6.3 6.0 5.7 5.5 5.3 5.1 4.9 4.7 4.5 4.4 4.2 4.0 3.8 3.6 3.4 2.4 1.2

w=2.0

Valores de ni

ni0= 2.64

teta=1.0	.120	.127	.133	.138	.142	.145	.146	.147	.146	.145	.143	.141	.139	.137	.135	.133	.131	.129	.126	.122	.115	.096	.069
1.5	.179	.185	.191	.196	.201	.205	.208	.210	.212	.212	.212	.210	.208	.205	.202	.198	.192	.185	.177	.167	.156	.128	.093
2.0	.237	.243	.249	.254	.258	.263	.266	.269	.271	.272	.273	.272	.269	.265	.258	.250	.240	.229	.217	.203	.188	.155	.115
2.5	.294	.300	.305	.310	.315	.319	.322	.325	.326	.326	.325	.321	.316	.309	.301	.290	.279	.265	.250	.234	.216	.178	
3.0	.350	.356	.361	.366	.370	.373	.374	.375	.373	.371	.366	.361	.354	.345	.335	.323	.310	.294	.278	.260	.241	.199	
3.5	.396	.405	.413	.418	.420	.421	.419	.417	.413	.409	.402	.395	.385	.375	.364	.350	.335	.319	.302	.283	.262		
4.0	.433	.443	.451	.457	.460	.460	.458	.454	.449	.442	.433	.424	.414	.402	.389	.374	.358	.341	.323				
4.5	.464	.473	.481	.486	.489	.491	.489	.486	.480	.471	.462	.451	.439	.426	.411	.396							
5.0	.487	.498	.505	.510	.513	.515	.514	.510	.505	.497	.488	.476	.462										
6.0	.525	.534	.542	.548	.551	.552	.550	.548															
7.0	.555	.564	.571	.575																			
8.0	.578	.588																					

mief= .587 .589 .587 .582 .577 .570 .561 .550 .538 .523 .505 .485 .464 .442 .419 .396 .373 .348 .323 .297 .269 .202 .120

tetaf= 8.6 8.1 7.6 7.3 6.9 6.6 6.3 6.1 5.8 5.6 5.4 5.2 5.0 4.9 4.7 4.5 4.3 4.2 4.0 3.8 3.7 3.1 2.1

TABELA 11a

ACO CA-50B delta=0.10 ntot= 20

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 ni

ni0= 1.00

teta=1.0 .009 .033 .046 .052 .052 .049 .044 .040 .034 .027 .017
 1.5 .014 .039 .056 .066 .071 .070 .065 .058 .049 .038 .022
 2.0 .019 .044 .063 .076 .083 .085 .082 .074 .061 .046 .025
 2.5 .023 .049 .068 .083 .092 .095 .093 .085 .070 .051
 3.0 .026 .053 .074 .089 .098 .102 .100 .092 .077 .056
 3.5 .028 .056 .078 .094 .104 .107 .105 .096 .081 .059
 4.0 .030 .059 .081 .098 .108 .111 .109 .100 .084
 4.5 .031 .061 .084 .101 .111 .114 .111 .102
 5.0 .033 .063 .086 .104 .114 .117 .114
 6.0 .035 .066 .090 .107 .117
 7.0 .037 .068 .092 .107
 8.0 .037 .069 .094 .111

mief= .040 .073 .096 .111 .119 .120 .114 .102 .084 .059 .028

tetaf= 13.6 14.0 10.2 8.1 6.8 5.8 5.1 4.5 4.0 3.6 2.4

w=0.2

Valores de ni

ni0= 1.16

teta=1.0 .016 .037 .049 .056 .057 .053 .050 .045 .041 .035 .027 .015
 1.5 .025 .045 .061 .071 .076 .077 .073 .067 .059 .050 .037 .020
 2.0 .033 .053 .070 .082 .090 .093 .091 .085 .075 .061 .044 .023
 2.5 .040 .061 .078 .091 .100 .104 .104 .098 .086 .070 .050
 3.0 .046 .069 .086 .100 .109 .113 .112 .106 .094 .076 .054
 3.5 .050 .074 .093 .107 .116 .120 .119 .112 .099 .081
 4.0 .054 .079 .099 .113 .122 .125 .123 .116 .103
 4.5 .057 .082 .103 .118 .127 .130 .127 .120
 5.0 .060 .086 .107 .122 .131 .134 .131
 6.0 .064 .091 .112 .127 .136
 7.0 .067 .095 .116 .131
 8.0 .069 .097 .119

mief= .074 .102 .122 .134 .139 .139 .133 .121 .105 .084 .056 .023

tetaf= 14.5 12.2 9.6 7.9 6.8 6.0 5.3 4.7 4.3 3.8 3.3 2.0

w=0.3

Valores de ni

ni0= 1.25

teta=1.0 .023 .040 .053 .059 .061 .058 .055 .051 .047 .042 .036 .027 .013
 1.5 .034 .052 .066 .076 .081 .083 .080 .075 .068 .060 .050 .036 .017
 2.0 .045 .063 .078 .089 .096 .100 .100 .096 .087 .075 .061 .043
 2.5 .055 .073 .088 .100 .109 .114 .114 .110 .101 .087 .069 .048
 3.0 .064 .083 .098 .111 .119 .124 .124 .119 .110 .095 .075
 3.5 .070 .091 .108 .120 .128 .132 .132 .126 .116 .101 .081
 4.0 .076 .098 .115 .129 .136 .139 .138 .132 .121 .106
 4.5 .080 .103 .121 .135 .143 .145 .143 .137
 5.0 .084 .107 .126 .140 .148 .150 .148
 6.0 .091 .115 .133 .147 .155 .158
 7.0 .096 .120 .139 .152
 8.0 .099 .124 .143

mief= .106 .129 .146 .156 .160 .158 .151 .140 .125 .106 .083 .052 .018

tetaf= 14.3 11.2 9.2 7.8 6.8 6.1 5.5 4.9 4.5 4.1 3.7 2.9 1.6

w=0.4

Valores de ni

ni0= 1.33

teta=1.0 .028 .044 .056 .062 .065 .063 .060 .056 .052 .048 .043 .036 .026 .010
 1.5 .042 .058 .071 .081 .086 .089 .087 .083 .077 .070 .061 .050 .035
 2.0 .056 .072 .085 .096 .103 .107 .108 .105 .099 .088 .075 .060 .041
 2.5 .069 .085 .098 .109 .117 .122 .124 .121 .114 .102 .086 .068 .046
 3.0 .080 .097 .111 .122 .130 .135 .136 .132 .124 .112 .095 .074
 3.5 .089 .108 .122 .133 .141 .145 .145 .141 .132 .119 .102 .080
 4.0 .096 .116 .132 .144 .151 .153 .152 .147 .138 .125
 4.5 .102 .122 .139 .152 .159 .161 .159 .153 .144
 5.0 .107 .128 .145 .158 .165 .168 .165 .158
 6.0 .116 .137 .154 .167 .174 .177
 7.0 .123 .144 .161 .173
 8.0 .127 .149 .167

mief= .135 .156 .170 .177 .180 .178 .171 .159 .145 .128 .106 .080 .047 .012

tetaf= 12.8 10.5 8.9 7.7 6.8 6.1 5.6 5.1 4.7 4.3 3.9 3.5 2.6 1.2

TABELA 11b

ACO CA-508 delta=0.10 ntot= 20

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 ni	
w=0.5		ni0= 1.41	
teta=1.0	.033 .048 .059 .066 .068 .067 .064 .061 .057 .054 .050 .044 .037 .025		
1.5	.050 .064 .077 .086 .092 .094 .094 .090 .085 .079 .072 .062 .049 .033		
2.0	.066 .080 .093 .103 .110 .114 .116 .114 .109 .101 .089 .075 .059 .039		
2.5	.082 .096 .108 .118 .126 .131 .133 .132 .126 .117 .103 .086 .067		
3.0	.096 .111 .123 .133 .141 .146 .147 .145 .138 .128 .113 .095 .073		
3.5	.107 .123 .137 .147 .154 .158 .158 .154 .147 .136 .121 .102		
4.0	.115 .133 .148 .159 .165 .168 .167 .163 .155 .143 .128		
4.5	.123 .142 .157 .168 .175 .177 .175 .170 .161		
5.0	.129 .148 .164 .176 .182 .185 .182 .176		
6.0	.140 .160 .175 .186 .193 .196		
7.0	.148 .168 .183 .194		
8.0	.154 .174 .190		
mief=	.163 .181 .193 .199 .200 .198 .190 .179 .165 .148 .129 .105 .077 .042 .005		
tetaf=	11.8 10.0 8.6 7.7 6.9 6.2 5.7 5.2 4.8 4.4 4.1 3.7 3.3 2.3 0.6		
w=0.6		ni0= 1.49	
teta=1.0	.038 .052 .062 .069 .072 .072 .069 .066 .063 .059 .055 .051 .045 .036 .023		
1.5	.057 .071 .082 .091 .097 .100 .100 .097 .093 .088 .081 .073 .062 .048 .031		
2.0	.076 .089 .100 .110 .117 .121 .124 .123 .119 .112 .102 .090 .075 .058 .037		
2.5	.094 .106 .118 .127 .135 .140 .143 .142 .138 .130 .118 .103 .085 .065		
3.0	.111 .124 .135 .144 .152 .157 .158 .157 .151 .143 .130 .114 .094		
3.5	.123 .139 .151 .160 .167 .170 .171 .168 .162 .152 .139 .122 .102		
4.0	.134 .150 .164 .174 .180 .182 .182 .178 .171 .160 .146		
4.5	.143 .160 .175 .185 .191 .193 .191 .186 .178 .167		
5.0	.150 .168 .183 .194 .200 .202 .199 .194		
6.0	.163 .181 .196 .206 .212 .215		
7.0	.173 .191 .205 .215		
8.0	.180 .199 .213		
mief=	.190 .205 .216 .220 .221 .217 .210 .199 .184 .168 .150 .129 .104 .072 .037		
tetaf=	11.2 9.6 8.5 7.6 6.9 6.3 5.8 5.4 5.0 4.6 4.3 3.9 3.6 3.0 2.0		
w=0.7		ni0= 1.57	
teta=1.0	.043 .056 .066 .072 .076 .076 .074 .071 .068 .064 .061 .057 .053 .046 .035 .021		
1.5	.064 .077 .087 .096 .102 .105 .106 .104 .100 .096 .090 .083 .074 .062 .047 .029		
2.0	.085 .097 .108 .117 .124 .129 .131 .131 .129 .123 .114 .103 .090 .074 .056		
2.5	.106 .117 .128 .137 .144 .149 .152 .152 .149 .143 .133 .119 .103 .085 .064		
3.0	.125 .137 .147 .155 .162 .167 .170 .169 .164 .157 .146 .132 .114 .094		
3.5	.140 .154 .165 .173 .180 .183 .184 .182 .176 .168 .156 .141 .123 .101		
4.0	.152 .167 .180 .190 .195 .197 .196 .193 .186 .177 .165 .149		
4.5	.162 .179 .192 .202 .208 .209 .207 .202 .195 .185		
5.0	.171 .188 .202 .211 .217 .219 .217 .211 .203		
6.0	.186 .203 .216 .226 .232 .234		
7.0	.197 .214 .227 .236		
8.0	.205 .222 .235		
mief=	.216 .229 .238 .241 .241 .237 .230 .218 .204 .188 .171 .151 .128 .102 .067 .032		
tetaf=	10.6 9.3 8.3 7.6 6.9 6.3 5.8 5.5 5.1 4.7 4.4 4.1 3.8 3.5 2.7 1.7		
w=0.8		ni0= 1.65	
teta=1.0	.048 .060 .069 .076 .079 .080 .078 .075 .073 .069 .066 .063 .059 .054 .046 .034 .019		
1.5	.071 .083 .093 .101 .107 .110 .112 .111 .108 .103 .098 .092 .084 .074 .061 .046		
2.0	.094 .105 .116 .124 .131 .136 .138 .139 .138 .133 .126 .116 .104 .090 .074 .055		
2.5	.117 .128 .137 .146 .153 .158 .161 .162 .160 .155 .146 .134 .120 .103 .084		
3.0	.139 .149 .159 .167 .173 .178 .181 .180 .177 .170 .161 .148 .132 .114 .093		
3.5	.156 .169 .179 .187 .193 .196 .197 .195 .190 .183 .172 .159 .143 .123		
4.0	.170 .184 .196 .205 .210 .212 .211 .208 .202 .193 .182 .168		
4.5	.181 .197 .209 .219 .224 .225 .223 .219 .212 .203 .190		
5.0	.191 .207 .220 .229 .235 .236 .234 .229 .221		
6.0	.208 .224 .236 .245 .251 .253		
7.0	.221 .236 .248 .257		
8.0	.230 .246 .258		
mief=	.241 .253 .260 .262 .261 .257 .250 .239 .224 .209 .191 .172 .151 .126 .097 .062 .026		
tetaf=	10.2 9.1 8.2 7.5 6.9 6.4 5.9 5.5 5.2 4.9 4.6 4.3 4.0 3.7 3.3 2.5 1.4		

TABELA 11c

ACO CA-50B delta=0.10 ntot= 20

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 ni

ni0= 1.74

teta=1.0	.053	.064	.073	.079	.083	.084	.083	.080	.077	.074	.071	.068	.065	.061	.054	.045	.033	.016
1.5	.078	.089	.098	.106	.112	.116	.117	.117	.115	.111	.106	.101	.094	.085	.074	.060	.044	
2.0	.103	.114	.123	.131	.138	.143	.146	.147	.146	.143	.137	.128	.117	.104	.089	.073	.053	
2.5	.128	.138	.147	.155	.162	.167	.170	.172	.170	.166	.159	.149	.135	.120	.102	.083		
3.0	.152	.162	.170	.178	.184	.189	.192	.192	.189	.184	.175	.164	.150	.133	.113	.092		
3.5	.171	.183	.193	.200	.206	.209	.210	.208	.204	.197	.188	.176	.161	.144	.123			
4.0	.187	.201	.212	.220	.225	.226	.226	.223	.217	.209	.199	.186	.171					
4.5	.200	.215	.227	.235	.240	.241	.240	.235	.229	.220	.209							
5.0	.211	.227	.239	.247	.252	.254	.252	.246	.239									
6.0	.230	.245	.256	.265	.270	.272												
7.0	.244	.259	.269	.278														
8.0	.254	.269	.280															

mief= .265 .276 .282 .283 .282 .277 .270 .259 .245 .229 .212 .193 .173 .150 .125 .093 .057 .019

tetaf= 9.9 8.9 8.1 7.5 6.9 6.4 6.0 5.6 5.3 5.0 4.7 4.4 4.1 3.9 3.6 3.0 2.2 1.2

w=1.0

Valores de ni

ni0= 1.82

teta=1.0	.057	.067	.076	.082	.086	.088	.087	.085	.082	.079	.076	.074	.070	.067	.062	.055	.044	.031
1.5	.085	.095	.104	.111	.117	.121	.123	.123	.121	.118	.114	.109	.103	.095	.086	.074	.059	.042
2.0	.112	.122	.131	.138	.145	.150	.153	.154	.154	.152	.147	.140	.130	.118	.104	.089	.071	
2.5	.139	.148	.157	.164	.171	.176	.179	.181	.181	.177	.171	.162	.150	.136	.120	.102	.082	
3.0	.165	.174	.182	.189	.196	.200	.203	.203	.201	.197	.189	.179	.166	.151	.133	.113		
3.5	.187	.198	.207	.214	.219	.222	.223	.222	.218	.212	.203	.193	.179	.163	.144			
4.0	.204	.217	.228	.236	.240	.241	.240	.238	.232	.225	.216	.204	.189	.173				
4.5	.219	.233	.244	.252	.257	.258	.256	.251	.245	.237	.226	.214						
5.0	.231	.246	.257	.265	.270	.271	.269	.264	.257	.248								
6.0	.252	.265	.276	.284	.289	.291	.289											
7.0	.267	.281	.291	.299														
8.0	.278	.292	.303															

mief= .289 .299 .303 .304 .302 .297 .290 .279 .265 .249 .232 .214 .194 .173 .149 .123 .088 .051 .011

tetaf= 9.6 8.7 8.0 7.4 6.9 6.4 6.0 5.7 5.4 5.1 4.8 4.5 4.3 4.0 3.7 3.5 2.8 2.0 0.8

w=1.1

Valores de ni

ni0= 1.90

teta=1.0	.061	.071	.080	.086	.090	.092	.091	.089	.087	.084	.081	.079	.076	.073	.069	.063	.055	.043	.029
1.5	.091	.101	.110	.117	.122	.126	.129	.129	.128	.125	.121	.117	.112	.105	.097	.086	.073	.058	.040
2.0	.121	.130	.138	.146	.152	.157	.160	.162	.162	.161	.157	.151	.142	.131	.119	.104	.088	.070	
2.5	.150	.159	.167	.174	.180	.185	.189	.191	.191	.188	.183	.175	.165	.152	.136	.119	.101	.081	
3.0	.178	.186	.194	.201	.207	.211	.214	.215	.213	.209	.203	.193	.182	.168	.151	.133	.112		
3.5	.202	.212	.221	.227	.232	.235	.236	.235	.232	.226	.218	.208	.196	.181	.164	.144			
4.0	.221	.233	.243	.251	.255	.256	.255	.253	.248	.241	.232	.221	.208	.192					
4.5	.237	.250	.261	.269	.273	.274	.272	.268	.262	.254	.244	.232							
5.0	.251	.265	.275	.283	.287	.289	.287	.282	.275	.266									
6.0	.273	.286	.296	.304	.308	.310	.309												
7.0	.289	.302	.312	.319															
8.0	.302	.315																	

mief= .313 .321 .325 .325 .323 .317 .310 .299 .286 .270 .253 .235 .216 .195 .172 .147 .118 .083 .046

tetaf= 9.4 8.6 8.0 7.4 6.9 6.5 6.1 5.7 5.5 5.2 4.9 4.6 4.4 4.1 3.9 3.7 3.3 2.6 1.8

w=1.2

Valores de ni

ni0= 1.98

teta=1.0	.066	.075	.083	.089	.093	.095	.095	.094	.091	.089	.086	.084	.081	.078	.075	.070	.064	.054	.042	.027
1.5	.098	.107	.115	.122	.128	.132	.134	.135	.134	.132	.128	.125	.120	.114	.107	.097	.086	.073	.056	.038
2.0	.130	.138	.146	.153	.159	.164	.167	.169	.170	.169	.166	.161	.153	.143	.132	.119	.104	.087	.069	
2.5	.161	.169	.176	.183	.189	.194	.198	.200	.201	.199	.194	.188	.178	.166	.152	.136	.119	.100		
3.0	.191	.199	.206	.212	.218	.222	.225	.226	.225	.221	.216	.208	.197	.184	.169	.152	.132	.112		
3.5	.217	.227	.235	.241	.245	.248	.249	.248	.245	.240	.233	.224	.213	.199	.183	.165	.144			
4.0	.238	.249	.259	.266	.270	.271	.270	.268	.263	.256	.248	.238	.225	.211	.195					
4.5	.255	.268	.278	.286	.289	.291	.289	.284	.278	.271	.262	.250								
5.0	.270	.283	.293	.300	.305	.306	.305	.300	.292	.284										
6.0	.294	.306	.316	.323	.327	.329	.328													
7.0	.312	.324	.333	.340																
8.0	.326	.338																		

mief= .336 .343 .346 .346 .343 .338 .330 .320 .306 .290 .273 .256 .237 .217 .195 .171 .146 .113 .077 .039

tetaf= 9.2 8.5 7.9 7.4 6.9 6.5 6.1 5.8 5.5 5.3 5.0 4.7 4.5 4.3 4.0 3.8 3.6 3.1 2.4 1.6

TABELA 11d

ACO CA-50B delta=0.10 ntot= 20

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 ni		ni0= 2.14	
w=1.4																									
teta=1.0	.074	.083	.090	.096	.100	.103	.103	.102	.100	.098	.096	.093	.091	.088	.086	.083	.079	.072	.064	.053	.039				
1.5	.111	.119	.126	.133	.138	.142	.145	.146	.146	.145	.142	.139	.135	.131	.125	.118	.109	.098	.085	.070	.053				
2.0	.146	.154	.161	.168	.173	.178	.182	.184	.185	.185	.184	.181	.175	.167	.157	.146	.133	.119	.103	.085					
2.5	.182	.189	.196	.202	.207	.212	.216	.219	.220	.219	.216	.211	.204	.194	.183	.169	.153	.136	.118	.099					
3.0	.216	.223	.229	.235	.240	.245	.248	.249	.249	.246	.241	.235	.226	.215	.202	.187	.170	.152	.132						
3.5	.246	.255	.262	.267	.272	.275	.276	.275	.272	.268	.262	.254	.244	.232	.219	.203	.185	.165							
4.0	.271	.281	.290	.297	.300	.301	.300	.297	.293	.287	.280	.271	.260	.247	.232	.216									
4.5	.291	.303	.312	.319	.322	.323	.321	.318	.312	.304	.296	.286	.274												
5.0	.309	.321	.329	.336	.340	.341	.340	.335	.328	.320	.311														
6.0	.335	.347	.355	.362	.366	.367	.366																		
7.0	.356	.367	.375	.381																					
8.0	.372	.383																							
mief=	.382	.387	.388	.387	.384	.378	.371	.360	.347	.332	.315	.297	.279	.259	.239	.217	.194	.169	.138	.103	.066				
tetaf=	8.9	8.3	7.8	7.4	6.9	6.5	6.2	5.9	5.6	5.4	5.2	4.9	4.7	4.5	4.3	4.0	3.8	3.6	3.3	2.7	2.0				
w=1.6																									
Valores de ni																									
teta=1.0	.083	.091	.097	.103	.107	.110	.111	.110	.109	.107	.105	.103	.100	.098	.096	.093	.091	.087	.081	.073	.063	.034			
1.5	.123	.131	.138	.144	.149	.153	.156	.158	.158	.157	.156	.153	.150	.146	.142	.136	.129	.121	.110	.098	.084	.049			
2.0	.163	.170	.177	.183	.188	.192	.196	.199	.200	.201	.201	.199	.195	.189	.181	.171	.160	.148	.134	.118	.101				
2.5	.202	.209	.215	.221	.226	.230	.234	.237	.239	.239	.237	.233	.228	.220	.210	.199	.185	.170	.154	.136	.117				
3.0	.241	.247	.253	.258	.263	.267	.270	.272	.272	.270	.266	.261	.254	.244	.233	.221	.206	.189	.171	.151					
3.5	.275	.283	.290	.294	.299	.301	.302	.302	.299	.296	.291	.283	.275	.265	.252	.238	.223	.206	.186						
4.0	.303	.313	.321	.327	.330	.331	.330	.327	.324	.318	.311	.303	.293	.282	.269	.254	.238								
4.5	.327	.337	.346	.352	.355	.356	.354	.351	.345	.338	.330	.321	.310	.297											
5.0	.347	.357	.365	.371	.375	.376	.375	.371	.364	.356	.347	.337													
6.0	.376	.387	.395	.401	.404	.405	.405																		
7.0	.400	.409	.417	.423																					
8.0	.417	.427																							
mief=	.427	.430	.430	.429	.425	.419	.411	.401	.388	.373	.357	.339	.321	.302	.282	.261	.240	.216	.191	.164	.128	.053			
tetaf=	8.7	8.2	7.7	7.3	6.9	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	3.4	2.9	1.6			
w=1.8																									
Valores de ni																									
teta=1.0	.091	.098	.105	.110	.114	.117	.118	.119	.117	.116	.114	.112	.110	.107	.105	.103	.101	.099	.095	.089	.082	.060	.030		
1.5	.136	.143	.149	.155	.159	.164	.167	.169	.170	.170	.168	.166	.164	.161	.157	.153	.148	.141	.132	.122	.110	.081			
2.0	.180	.186	.192	.198	.203	.207	.210	.213	.215	.216	.216	.216	.213	.209	.202	.194	.185	.174	.162	.148	.133	.099			
2.5	.223	.229	.235	.240	.245	.249	.252	.255	.257	.258	.258	.255	.251	.244	.236	.226	.215	.201	.186	.170	.153	.115			
3.0	.265	.271	.276	.281	.285	.289	.293	.295	.295	.294	.291	.286	.280	.272	.263	.252	.239	.224	.208	.190	.171				
3.5	.304	.311	.317	.321	.325	.328	.329	.328	.326	.323	.319	.312	.304	.295	.285	.272	.258	.243	.226	.207	.187				
4.0	.335	.345	.352	.358	.361	.361	.360	.357	.354	.349	.343	.335	.326	.316	.304	.290	.275	.259							
4.5	.362	.372	.380	.386	.389	.389	.387	.384	.379	.372	.364	.355	.345	.334	.320										
5.0	.384	.394	.401	.407	.410	.411	.410	.407	.400	.392	.384	.374	.362												
6.0	.417	.427	.434	.440	.443	.444	.443	.440																	
7.0	.443	.451	.458	.464																					
8.0	.463	.472																							
mief=	.471	.473	.472	.470	.466	.460	.451	.442	.429	.415	.399	.381	.363	.344	.325	.305	.284	.262	.239	.214	.188	.118	.040		
tetaf=	8.5	8.1	7.7	7.3	6.9	6.6	6.3	6.1	5.8	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.3	4.1	3.9	3.7	3.5	2.6	1.3		
w=2.0																									
Valores de ni																									
teta=1.0	.099	.106	.112	.117	.121	.124	.126	.126	.126	.124	.122	.121	.119	.117	.115	.113	.111	.109	.106	.103	.098	.082	.057		
1.5	.148	.154	.160	.166	.170	.174	.177	.180	.181	.181	.181	.179	.177	.174	.171	.168	.164	.159	.152	.144	.134	.110	.079		
2.0	.196	.202	.207	.213	.217	.222	.225	.228	.230	.231	.232	.232	.230	.227	.223	.216	.208	.199	.188	.176	.163	.133	.097		
2.5	.243	.249	.254	.259	.263	.267	.271	.274	.276	.277	.277	.276	.272	.267	.261	.253	.242	.231	.218	.203	.187	.153			
3.0	.290	.295	.300	.304	.308	.312	.315	.317	.318	.317	.315	.311	.306	.299	.291	.281	.270	.257	.242	.226	.209	.171			
3.5	.333	.339	.344	.348	.352	.354	.355	.355	.353	.350	.346	.341	.334	.325	.316	.305	.292	.278	.263	.246	.228				
4.0	.368	.377	.383	.389	.391	.392	.390	.388	.384	.380	.374	.366	.358	.348	.338	.325	.312	.297	.281						
4.5	.397	.406	.414	.419	.422	.422	.421	.417	.412	.405	.398	.389	.380	.369	.357	.344									
5.0	.421	.430	.437	.442	.445	.446	.445	.442	.436	.429	.420	.411	.400												
6.0	.457	.466	.473	.478	.481	.482	.481	.479																	
7.0	.485	.493	.500	.505																					
8.0	.508																								
mief=	.515	.515	.514	.511	.507	.500	.492	.482	.470	.457	.441	.423	.405	.386	.367	.347	.327	.306	.284	.261	.237	.179	.106		
tetaf=	8.4	8.0	7.6	7.3	6.9	6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.1	5.0	4.8	4.6	4.4	4.3	4.1	3.9	3.8	3.3	2.3		

ACO CA-50B delta=0.15 ntot= 20

N=0.1 Valores de mi

$$n_{i0} = 1.08$$

teta=	1.0	.009	.032	.046	.051	.051	.048	.043	.039	.033	.027	.017
1.5	.013	.037	.054	.065	.069	.069	.064	.056	.048	.037	.021	
2.0	.017	.042	.061	.074	.081	.083	.080	.072	.060	.045	.025	
2.5	.021	.046	.066	.081	.089	.093	.091	.083	.069	.050		
3.0	.024	.050	.071	.086	.096	.100	.098	.090	.075	.054		
3.5	.026	.054	.075	.091	.101	.105	.103	.094	.079	.058		
4.0	.028	.056	.079	.094	.104	.108	.106	.097	.082			
4.5	.030	.059	.081	.098	.108	.111	.109	.100				
5.0	.031	.060	.084	.100	.110	.113	.111					
6.0	.033	.063	.087	.104	.114							
7.0	.035	.066	.089	.106								
8.0	.036	.067	.091	.108								

■ief=.039 .070 .093 .108 .116 .117 .111 .100 .083 .058 .027

tetraf=	14.7	13.6	10.1	8.1	6.8	5.9	5.1	4.5	4.0	3.6	2.4
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$w=0.2$ Valores de m_i

$$n_{j0} = 1.16$$

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teta=1.0 .015 .035 .048 .054 .055 .052 .048 .043 .039 .033 .026 .015
      1.5 .022 .043 .058 .068 .073 .074 .070 .064 .057 .048 .036 .019
      2.0 .029 .050 .067 .079 .086 .089 .088 .082 .072 .059 .042 .022
      2.5 .036 .057 .074 .087 .096 .100 .100 .094 .083 .067 .047
      3.0 .042 .063 .081 .094 .103 .108 .108 .102 .091 .073 .052
      3.5 .046 .069 .087 .101 .110 .114 .114 .107 .096 .078
      4.0 .050 .074 .093 .106 .115 .119 .118 .112 .099
      4.5 .053 .077 .097 .111 .120 .123 .122 .115
      5.0 .055 .080 .100 .115 .124 .127 .124
      6.0 .060 .085 .106 .120 .129
      7.0 .063 .089 .110 .124
      8.0 .066 .092 .112
```

■ $\eta^2 = .071 .097 .115 .127 .132 .132 .126 .116 .101 .081 .054 .022$

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2
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Valores de m
$$n_i \theta = 1.25$$

```
teta=1.0 .020 .038 .050 .056 .058 .056 .052 .048 .044 .039 .034 .025 .012
      1.5 .030 .048 .062 .072 .077 .079 .076 .071 .064 .057 .047 .034 .016
      2.0 .039 .057 .072 .084 .091 .095 .095 .091 .083 .071 .057 .040
      2.5 .049 .066 .082 .093 .102 .107 .108 .104 .096 .082 .065 .045
      3.0 .057 .075 .090 .102 .111 .116 .117 .113 .104 .090 .071
      3.5 .064 .083 .099 .111 .119 .124 .124 .120 .110 .096 .077
      4.0 .069 .090 .106 .118 .126 .130 .130 .125 .115 .100
      4.5 .073 .095 .112 .125 .132 .135 .134 .129 .119
      5.0 .077 .099 .117 .130 .137 .140 .138
      6.0 .083 .106 .124 .137 .145 .147
      7.0 .088 .111 .129 .142
      8.0 .092 .115 .133
```

```

nief= .099 .121 .136 .145 .149 .148 .142 .132 .119 .101 .078 .049 .017

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tetraf=	13.4	10.8	9.0	7.8	6.8	6.1	5.5	5.0	4.5	4.1	3.7	3.0	1.7
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Valores de mi

 $n_{i0} = 1.33$

```
teta=1.0 .025 .041 .052 .059 .061 .059 .056 .052 .048 .044 .040 .034 .024 .009
      1.5 .037 .053 .066 .075 .081 .083 .082 .077 .072 .065 .057 .046 .032
      2.0 .048 .064 .078 .089 .096 .100 .101 .098 .092 .083 .070 .056 .038
      2.5 .060 .075 .089 .100 .108 .113 .115 .113 .107 .096 .081 .063 .043
      3.0 .071 .086 .100 .111 .119 .125 .126 .124 .117 .105 .089 .069
      3.5 .079 .097 .110 .121 .129 .134 .134 .131 .124 .112 .096 .075
      4.0 .086 .105 .119 .130 .137 .141 .141 .137 .129 .117
      4.5 .092 .111 .127 .138 .145 .148 .147 .142 .134
      5.0 .097 .116 .132 .144 .151 .153 .152 .147
      6.0 .105 .125 .141 .153 .160 .163
      7.0 .111 .132 .148 .160
      8.0 .116 .137 .153
```

■ ipf= .125 .144 .156 .163 .166 .164 .157 .148 .135 .120 .100 .075 .044 .011

	1125	1144	1155	1165	1180	1194	1207	1215	1230	1244	1255	1265	1275	1285
tetraf=	12.1	10.1	8.7	7.7	6.9	6.2	5.6	5.2	4.7	4.3	3.9	3.6	2.7	1.2

TABELA 12b

ACO CA-50B delta=0.15 ntot= 20

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 ni																							ni0= 1.41
teta=1.0	.029	.044	.055	.061	.064	.063	.060	.056	.053	.049	.045	.040	.033	.022											
1.5	.043	.058	.070	.079	.085	.087	.087	.084	.078	.073	.066	.057	.045	.030											
2.0	.057	.071	.084	.094	.101	.105	.107	.106	.101	.093	.082	.069	.054	.035											
2.5	.070	.084	.097	.107	.115	.120	.123	.122	.117	.108	.096	.079	.061												
3.0	.083	.097	.109	.119	.127	.133	.135	.133	.128	.119	.105	.088	.067												
3.5	.094	.109	.121	.131	.138	.143	.145	.142	.136	.126	.112	.085													
4.0	.103	.119	.132	.142	.149	.152	.153	.147	.143	.132	.113														
4.5	.110	.127	.141	.151	.158	.160	.159	.155	.148																
5.0	.116	.133	.148	.159	.165	.167	.165	.161																	
6.0	.125	.144	.159	.170	.176	.178																			
7.0	.133	.152	.167	.177																					
8.0	.140	.158	.173																						
mief=	.149	.165	.176	.181	.183	.180	.173	.164	.152	.137	.119	.098	.071	.039	.004										
tetaf=	11.3	9.7	8.5	7.6	6.9	6.3	5.7	5.3	4.9	4.5	4.1	3.8	3.4	2.4	0.6										
w=0.6		Valores de ni																							ni0= 1.49
teta=1.0	.033	.047	.057	.064	.067	.066	.064	.060	.057	.054	.050	.046	.041	.032	.020										
1.5	.049	.062	.074	.083	.089	.092	.092	.089	.085	.079	.074	.066	.056	.044	.027										
2.0	.065	.078	.089	.099	.106	.111	.113	.112	.109	.103	.094	.082	.068	.052	.033										
2.5	.080	.093	.104	.114	.121	.127	.130	.130	.126	.120	.109	.095	.078	.059											
3.0	.095	.107	.118	.128	.135	.141	.143	.143	.139	.131	.120	.105	.086	.066											
3.5	.108	.121	.132	.141	.148	.153	.155	.153	.148	.140	.128	.112	.093												
4.0	.118	.133	.145	.154	.160	.164	.164	.161	.156	.147	.134														
4.5	.126	.142	.155	.165	.170	.173	.172	.169	.162	.153															
5.0	.133	.150	.163	.173	.179	.181	.179	.175	.168																
6.0	.145	.162	.176	.186	.192	.194																			
7.0	.154	.172	.185	.195																					
8.0	.162	.179	.192																						
mief=	.172	.186	.194	.199	.200	.197	.190	.180	.168	.154	.138	.118	.095	.067	.034										
tetaf=	10.6	9.4	8.4	7.6	6.9	6.3	5.8	5.4	5.0	4.7	4.3	4.0	3.7	3.1	2.1										
w=0.7		Valores de ni																							ni0= 1.57
teta=1.0	.037	.049	.059	.066	.069	.070	.067	.064	.061	.058	.055	.051	.047	.041	.031	.018									
1.5	.055	.067	.078	.086	.092	.096	.096	.095	.091	.086	.081	.074	.066	.055	.042	.025									
2.0	.072	.084	.095	.104	.111	.116	.118	.119	.116	.112	.104	.094	.081	.067	.050										
2.5	.090	.101	.112	.121	.128	.133	.136	.137	.135	.130	.121	.109	.094	.076	.057										
3.0	.106	.118	.128	.136	.143	.149	.152	.152	.149	.143	.133	.120	.104	.085											
3.5	.121	.133	.143	.151	.158	.163	.165	.164	.160	.152	.142	.129	.112	.092											
4.0	.133	.147	.157	.165	.171	.175	.175	.173	.168	.161	.150	.136													
4.5	.143	.157	.169	.178	.183	.185	.185	.182	.176	.167															
5.0	.151	.166	.179	.188	.193	.195	.193	.189	.182																
6.0	.164	.180	.193	.202	.207	.209																			
7.0	.175	.191	.203	.212																					
8.0	.183	.199	.211																						
mief=	.194	.206	.213	.216	.217	.214	.206	.196	.185	.171	.156	.138	.117	.093	.062	.028									
tetaf=	10.2	9.1	8.2	7.5	6.9	6.4	5.9	5.5	5.2	4.8	4.5	4.2	3.9	3.6	2.8	1.8									
w=0.8		Valores de ni																							ni0= 1.65
teta=1.0	.041	.052	.062	.069	.072	.073	.071	.068	.065	.062	.059	.056	.052	.047	.040	.030	.016								
1.5	.060	.072	.082	.090	.096	.100	.101	.100	.097	.092	.088	.082	.075	.066	.054	.040	.022								
2.0	.080	.091	.101	.110	.116	.121	.124	.125	.123	.120	.113	.104	.093	.081	.066	.048									
2.5	.099	.110	.119	.128	.135	.140	.143	.145	.144	.140	.132	.122	.108	.092	.075	.055									
3.0	.117	.128	.137	.145	.152	.157	.160	.161	.159	.154	.146	.134	.120	.103	.083										
3.5	.134	.145	.154	.161	.168	.173	.175	.174	.171	.165	.156	.144	.129	.111											
4.0	.147	.160	.170	.177	.183	.186	.187	.185	.181	.174	.164	.152	.137												
4.5	.158	.172	.183	.191	.196	.198	.197	.195	.189	.182	.171														
5.0	.168	.182	.194	.202	.207	.209	.207	.203	.197																
6.0	.183	.198	.210	.218	.223	.225																			
7.0	.195	.210	.221	.229																					
8.0	.204	.219	.230																						
mief=	.216	.226	.231	.234	.234	.230	.223	.213	.201	.188	.173	.156	.137	.115	.089	.056	.023								
tetaf=	9.8	8.9	8.1	7.5	6.9	6.4	6.0	5.6	5.3	4.9	4.6	4.3	4.0	3.7	3.4	2.6	1.5								

TABELA 12d

ACO CA-50B delta=0.15 ntot= 20

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

m=1.4

Valores de mi

ni0= 2.14

teta=1.0	.062	.070	.078	.083	.088	.090	.091	.089	.087	.085	.083	.081	.078	.076	.073	.070	.067	.062	.054	.045	.032
1.5	.092	.100	.107	.114	.119	.123	.126	.127	.127	.126	.123	.120	.116	.113	.108	.102	.094	.085	.073	.060	.045
2.0	.121	.129	.136	.143	.148	.153	.156	.159	.160	.160	.159	.156	.152	.146	.137	.127	.116	.103	.089	.073	.055
2.5	.150	.157	.164	.170	.176	.180	.184	.187	.189	.189	.188	.184	.178	.171	.160	.148	.134	.119	.102	.085	
3.0	.178	.185	.191	.197	.202	.207	.210	.213	.214	.213	.210	.205	.198	.189	.178	.165	.150	.133	.114		
3.5	.205	.212	.218	.223	.228	.232	.235	.236	.235	.232	.228	.222	.214	.204	.192	.178	.163	.145			
4.0	.228	.237	.243	.248	.252	.255	.256	.255	.253	.249	.243	.236	.227	.217	.204	.190					
4.5	.247	.257	.265	.271	.274	.275	.275	.272	.269	.264	.257	.249	.239	.227							
5.0	.263	.274	.283	.289	.292	.293	.291	.288	.283	.277	.269	.260									
6.0	.289	.300	.309	.314	.318	.319	.318	.314													
7.0	.309	.319	.327	.333																	
8.0	.324	.334																			

mief= .333 .337 .338 .338 .335 .331 .324 .314 .302 .289 .275 .261 .245 .229 .211 .192 .172 .149 .124 .091 .058

tetaf= 8.7 8.2 7.7 7.3 6.9 6.6 6.3 6.0 5.7 5.5 5.3 5.0 4.8 4.6 4.3 4.1 3.9 3.7 3.4 2.8 2.1

m=1.6

Valores de mi

ni0= 2.31

teta=1.0	.068	.076	.083	.089	.093	.095	.096	.096	.094	.092	.090	.088	.086	.084	.081	.079	.076	.073	.069	.062	.053	.028
1.5	.102	.109	.116	.122	.127	.131	.134	.136	.136	.136	.134	.131	.128	.125	.121	.117	.111	.104	.095	.084	.071	.041
2.0	.134	.141	.148	.154	.159	.163	.167	.170	.171	.172	.172	.170	.168	.163	.156	.148	.139	.128	.115	.102	.087	
2.5	.166	.173	.179	.185	.190	.194	.198	.201	.203	.204	.204	.202	.197	.191	.183	.173	.161	.148	.133	.117	.100	
3.0	.197	.203	.209	.215	.219	.224	.227	.230	.231	.231	.229	.226	.220	.213	.203	.193	.180	.165	.149	.131	.112	
3.5	.228	.234	.239	.244	.248	.252	.255	.256	.256	.254	.250	.245	.238	.230	.220	.208	.194	.179	.162	.144		
4.0	.254	.262	.267	.272	.276	.278	.279	.279	.277	.273	.269	.262	.254	.245	.234	.221	.207					
4.5	.276	.285	.292	.298	.301	.301	.301	.298	.295	.290	.284	.277	.268	.258	.246							
5.0	.294	.304	.312	.317	.321	.321	.320	.316	.312	.306	.299	.290										
6.0	.323	.333	.341	.346	.349	.351	.350	.346														
7.0	.345	.354	.362	.367																		
8.0	.363	.371																				

mief= .370 .372 .373 .372 .369 .364 .357 .348 .336 .323 .309 .295 .280 .264 .247 .229 .211 .190 .168 .145 .114 .046

tetaf= 8.5 8.1 7.7 7.3 6.9 6.6 6.3 6.1 5.8 5.6 5.4 5.2 5.0 4.8 4.5 4.3 4.1 3.9 3.7 3.5 3.1 1.7

m=1.8

Valores de mi

ni0= 2.47

teta=1.0	.075	.082	.088	.094	.098	.101	.102	.102	.101	.099	.097	.095	.093	.091	.089	.087	.085	.082	.080	.075	.069	.051	.025
1.5	.111	.118	.124	.130	.135	.139	.142	.144	.145	.145	.144	.142	.139	.136	.133	.130	.125	.120	.113	.104	.094	.068	
2.0	.147	.153	.160	.165	.170	.174	.178	.181	.183	.184	.184	.183	.181	.179	.174	.167	.159	.150	.139	.127	.114	.084	
2.5	.182	.188	.194	.199	.204	.208	.212	.215	.217	.218	.219	.218	.215	.211	.204	.196	.186	.175	.161	.147	.132	.098	
3.0	.216	.222	.227	.232	.237	.240	.244	.247	.249	.249	.248	.245	.241	.235	.227	.218	.207	.194	.180	.164	.147		
3.5	.250	.255	.260	.264	.268	.272	.275	.276	.276	.275	.272	.268	.262	.255	.246	.236	.224	.211	.196	.179	.161		
4.0	.279	.286	.292	.296	.299	.301	.302	.302	.300	.297	.293	.287	.280	.272	.263	.251	.239	.225					
4.5	.304	.312	.319	.324	.327	.327	.327	.324	.321	.317	.311	.304	.296	.287	.277	.265							
5.0	.324	.333	.341	.346	.349	.350	.348	.345	.340	.335	.328	.320	.311										
6.0	.357	.366	.373	.378	.381	.382	.381	.378															
7.0	.381	.390	.396	.401																			
8.0	.401																						

mief= .406 .408 .408 .406 .403 .398 .391 .382 .370 .357 .343 .329 .315 .299 .283 .266 .248 .229 .209 .187 .164 .104 .034

tetaf= 8.4 8.0 7.6 7.3 6.9 6.7 6.4 6.1 5.9 5.7 5.5 5.3 5.1 4.9 4.7 4.5 4.3 4.2 4.0 3.8 3.6 2.7 1.4

m=2.0

Valores de mi

ni0= 2.64

teta=1.0	.081	.088	.094	.099	.103	.106	.108	.108	.108	.106	.104	.102	.101	.099	.097	.095	.093	.090	.088	.086	.082	.069	.048
1.5	.121	.127	.133	.138	.143	.147	.150	.152	.154	.154	.154	.152	.150	.147	.144	.141	.138	.134	.129	.122	.114	.093	.065
2.0	.160	.166	.171	.176	.181	.185	.189	.192	.194	.195	.196	.195	.194	.193	.189	.185	.178	.170	.161	.151	.139	.113	.081
2.5	.198	.203	.209	.214	.218	.222	.225	.228	.231	.232	.233	.233	.232	.229	.224	.217	.209	.199	.188	.175	.161	.130	
3.0	.235	.240	.245	.250	.254	.258	.261	.264	.266	.267	.266	.265	.261	.256	.250	.242	.232	.222	.209	.195	.180	.146	
3.5	.272	.276	.281	.285	.289	.292	.295	.297	.297	.296	.294	.290	.285	.279	.271	.262	.252	.240	.227	.212	.196		
4.0	.304	.311	.316	.319	.322	.325	.326	.326	.324	.321	.317	.313	.306	.299	.290	.280	.269	.256	.242	.227			
4.5	.332	.339	.346	.351	.353	.354	.353	.351	.348	.344	.338	.332	.324	.316	.307	.296	.283						
5.0	.354	.363	.370	.375	.378	.378	.376	.373	.369	.364	.357	.350	.341	.332									
6.0	.391	.399	.406	.410	.412	.414	.413	.410															
7.0	.417	.425	.431	.436																			
8.0	.438																						

mief= .442 .443 .442 .441 .437 .432 .425 .416 .405 .392 .378 .364 .349 .334 .318 .301 .284 .266 .247 .227 .206 .159 .093

tetaf= 8.2 7.9 7.5 7.2 6.9 6.7 6.4 6.2 6.0 5.8 5.6 5.4 5.2 5.1 4.9 4.7 4.5 4.3 4.2 4.0 3.8 3.4 2.4

TABELA 12c

ACO CA-50B delta=0.15 ntot= 20

		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	.044	.055	.064	.071	.075	.076	.074	.072	.069	.066	.063	.060	.057	.053	.048	.040	.028	.014								
	1.5	.066	.077	.086	.094	.100	.104	.105	.105	.102	.099	.094	.089	.083	.076	.066	.053	.038									
	2.0	.087	.097	.107	.115	.121	.126	.129	.131	.130	.127	.122	.115	.105	.093	.080	.064	.046									
	2.5	.108	.118	.127	.135	.141	.146	.150	.152	.152	.149	.143	.134	.122	.107	.091	.073										
	3.0	.128	.137	.146	.154	.160	.165	.169	.170	.169	.164	.157	.148	.135	.119	.101	.082										
	3.5	.147	.156	.165	.172	.178	.182	.185	.185	.182	.177	.169	.158	.145	.129	.110											
	4.0	.161	.173	.182	.189	.194	.197	.198	.197	.193	.187	.178	.167	.153													
	4.5	.174	.186	.197	.205	.209	.211	.210	.208	.203	.196	.186															
	5.0	.184	.198	.209	.217	.221	.223	.221	.217	.211	.204																
	6.0	.201	.215	.226	.234	.239	.241	.239																			
	7.0	.215	.228	.239	.247																						
	8.0	.225	.239	.249																							
mief=		.236	.245	.249	.251	.251	.247	.240	.229	.217	.205	.190	.174	.156	.136	.112	.084	.051	.016								
tetaf=	9.5	8.7	8.0	7.4	6.9	6.4	6.0	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.6	3.2	2.3	1.2									
w=1.0		Valores de mi																								ni0= 1.82	
teta=	1.0	.048	.058	.067	.073	.077	.079	.078	.076	.073	.070	.067	.064	.061	.058	.054	.048	.039	.026								
	1.5	.071	.081	.090	.098	.104	.108	.109	.110	.108	.104	.100	.096	.091	.084	.076	.065	.052	.036								
	2.0	.094	.104	.113	.120	.127	.132	.135	.136	.136	.134	.131	.124	.115	.105	.093	.078	.062	.044								
	2.5	.116	.126	.134	.142	.148	.153	.157	.159	.160	.157	.153	.145	.135	.122	.107	.090	.072									
	3.0	.138	.147	.155	.162	.168	.173	.177	.179	.178	.175	.169	.160	.149	.135	.119	.100										
	3.5	.159	.168	.175	.182	.188	.192	.195	.195	.193	.188	.181	.172	.160	.145	.129	.109										
	4.0	.175	.186	.195	.201	.206	.209	.210	.208	.205	.200	.192	.182	.169	.154												
	4.5	.189	.201	.211	.218	.222	.224	.223	.221	.216	.209	.201	.190														
	5.0	.200	.213	.224	.231	.236	.237	.235	.231	.226	.218																
	6.0	.219	.232	.243	.250	.255	.256	.255																			
	7.0	.234	.247	.257	.264																						
	8.0	.245	.258																								
mief=		.257	.264	.267	.268	.268	.264	.256	.246	.234	.221	.207	.192	.174	.155	.134	.110	.079	.046	.009							
tetaf=	9.3	8.6	8.0	7.4	6.9	6.5	6.1	5.8	5.5	5.2	4.9	4.6	4.3	4.1	3.8	3.6	2.9	2.1	0.8								
w=1.1		Valores de mi																								ni0= 1.90	
teta=	1.0	.051	.061	.070	.076	.080	.082	.081	.079	.077	.074	.071	.069	.066	.063	.060	.055	.047	.037	.024							
	1.5	.076	.086	.095	.102	.107	.111	.114	.114	.113	.110	.106	.102	.098	.092	.085	.075	.064	.050	.034							
	2.0	.101	.110	.118	.126	.132	.137	.140	.142	.142	.141	.138	.133	.125	.116	.105	.092	.077	.061								
	2.5	.125	.134	.142	.149	.155	.160	.164	.166	.167	.166	.162	.156	.146	.135	.121	.106	.089	.070								
	3.0	.148	.157	.164	.171	.177	.182	.185	.187	.187	.184	.180	.172	.162	.150	.135	.118	.099									
	3.5	.171	.179	.186	.192	.198	.202	.205	.205	.203	.200	.193	.185	.174	.161	.146	.128										
	4.0	.189	.199	.207	.213	.218	.220	.221	.220	.217	.212	.205	.196	.184	.171												
	4.5	.204	.215	.224	.231	.235	.236	.236	.234	.229	.223	.215	.205														
	5.0	.216	.228	.238	.246	.250	.251	.249	.245	.240	.233																
	6.0	.237	.249	.259	.266	.270	.272	.271																			
	7.0	.253	.265	.274	.281																						
	8.0	.265	.277																								
mief=		.276	.282	.285	.286	.284	.280	.273	.263	.251	.238	.224	.209	.192	.174	.154	.132	.106	.074	.040							
tetaf=	9.1	8.5	7.9	7.4	6.9	6.5	6.1	5.8	5.5	5.3	5.0	4.7	4.5	4.2	4.0	3.7	3.4	2.7	1.9								
w=1.2		Valores de mi																								ni0= 1.98	
teta=	1.0	.055	.064	.072	.078	.082	.084	.084	.083	.080	.078	.075	.073	.070	.067	.064	.061	.055	.047	.036	.022						
	1.5	.082	.091	.099	.106	.111	.115	.118	.119	.118	.116	.112	.108	.104	.099	.093	.085	.075	.065	.048	.032						
	2.0	.108	.116	.124	.131	.137	.142	.146	.148	.148	.148	.145	.141	.135	.126	.116	.105	.091	.076	.059							
	2.5	.133	.142	.149	.156	.162	.167	.170	.173	.174	.174	.171	.166	.158	.147	.135	.120	.105	.087	.069							
	3.0	.158	.166	.173	.180	.185	.190	.194	.196	.196	.194	.190	.183	.175	.163	.150	.134	.117	.098								
	3.5	.182	.190	.197	.203	.208	.212	.215	.215	.214	.211	.205	.198	.188	.176	.162	.146	.127									
	4.0	.202	.211	.219	.225	.229	.232	.233	.232	.229	.225	.218	.210	.199	.186	.172											
	4.5	.218	.229	.238	.245	.248	.249	.249	.246	.243	.237	.229	.220	.209													
	5.0	.232	.244	.253	.260	.264	.265	.263	.260	.254	.248	.240															
	6.0	.254	.266	.276	.282	.286	.288	.286																			
	7.0	.272	.283	.292	.298																						
	8.0	.285	.296																								
mief=		.296	.300	.302	.303	.301	.297	.290	.280	.268	.255	.241	.226	.210	.193	.174	.153	.130	.101	.069	.034						
tetaf=	9.0	8.4	7.8	7.4	6.9	6.5	6.2	5.9	5.6	5.3	5.1	4.8	4.6	4.3	4.1	3.9	3.6	3.2	2.5	1.7							

