

Material suplementar do livro “Comunicação Móvel Celular”, Elsevier, 2018

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Tabela com valores para a função $G(a, b)$ (eq. 4.23) para cálculo de estimativa da capacidade média por célula com interferência (capítulo 4, seção 4.5). Interpolação pode ser usada para estimar valores intermediários.

a	$G(a; b = -4)$	$G(a; b = -3,5)$	$G(a; b = -3)$
0,032	0,216	0,293	0,380
0,035	0,232	0,311	0,401
0,040	0,248	0,330	0,424
0,045	0,265	0,351	0,447
0,050	0,284	0,372	0,471
0,056	0,304	0,395	0,497
0,063	0,324	0,419	0,524
0,071	0,347	0,445	0,552
0,079	0,370	0,471	0,582
0,089	0,395	0,499	0,613
0,100	0,421	0,529	0,646
0,112	0,449	0,560	0,680
0,126	0,478	0,592	0,715
0,141	0,509	0,627	0,752
0,158	0,542	0,662	0,791
0,178	0,576	0,700	0,831
0,200	0,612	0,739	0,873
0,224	0,650	0,780	0,916
0,251	0,690	0,822	0,962
0,282	0,731	0,867	1,008
0,316	0,775	0,913	1,057
0,355	0,820	0,961	1,107
0,398	0,867	1,010	1,159
0,447	0,916	1,062	1,213
0,501	0,966	1,115	1,268
0,562	1,019	1,170	1,325
0,631	1,073	1,227	1,384
0,708	1,130	1,285	1,444
0,794	1,188	1,345	1,505
0,891	1,247	1,406	1,569

1,000	1,308	1,470	1,633
1,122	1,371	1,534	1,699
1,259	1,436	1,600	1,766
1,413	1,501	1,667	1,835
1,585	1,569	1,735	1,904
1,778	1,637	1,805	1,975
1,995	1,707	1,876	2,047
2,239	1,777	1,948	2,120
2,512	1,849	2,020	2,193
2,818	1,922	2,094	2,268
3,162	1,996	2,169	2,343
3,548	2,071	2,244	2,419
3,981	2,146	2,320	2,496
4,467	2,222	2,397	2,573
5,012	2,299	2,475	2,651
5,623	2,376	2,552	2,729
6,310	2,454	2,631	2,808
7,079	2,533	2,710	2,887
7,943	2,612	2,789	2,967
8,913	2,691	2,869	3,047
10,000	2,771	2,949	3,127
11,220	2,851	3,029	3,208
12,589	2,932	3,110	3,288
14,125	3,012	3,191	3,370
15,849	3,093	3,272	3,451
17,783	3,174	3,353	3,532
19,953	3,256	3,435	3,614
22,387	3,337	3,516	3,696
25,119	3,419	3,598	3,778
28,184	3,501	3,680	3,860
31,623	3,583	3,762	3,942
35,481	3,665	3,844	4,024
39,811	3,747	3,926	4,106
44,668	3,829	4,009	4,189
50,119	3,911	4,091	4,271
56,234	3,994	4,174	4,354
63,096	4,076	4,256	4,436

70,795	4,159	4,339	4,519
79,433	4,242	4,422	4,602
89,125	4,324	4,504	4,684
100,000	4,407	4,587	4,767
112,202	4,490	4,670	4,850
125,893	4,572	4,753	4,933
141,254	4,655	4,835	5,016
158,489	4,738	4,918	5,098
177,828	4,821	5,001	5,181
199,526	4,904	5,084	5,264
223,872	4,987	5,167	5,347
251,189	5,070	5,250	5,430
281,838	5,152	5,333	5,513
316,228	5,235	5,416	5,596