

# Stručné logaritmické tabulky pro teorii informace

Mirko Navara

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$p$	$\log_2 p$	$\iota(p)$	$H(p)$
0.1	-3.323	0.332	0.469
0.15	-2.737	0.411	0.61
0.2	-2.322	0.464	0.721
0.25	-2	0.5	0.811
0.3	-1.737	0.521	0.881
1/3	-1.585	0.528	0.918
0.35	-1.515	0.53	0.933
0.4	-1.322	0.529	0.971
0.45	-1.152	0.518	0.993
0.5	-1	0.5	1
0.55	-0.862	0.474	0.993
0.6	-0.737	0.442	0.971
0.65	-0.622	0.404	0.933
0.7	-0.515	0.360	0.881
0.75	-0.415	0.311	0.811
0.8	-0.322	0.258	0.721
0.85	-0.234	0.199	0.61
0.9	-0.152	0.139	0.469
0.95	-0.074	0.07	0.287
0.96	-0.058	0.056	0.242
0.97	-0.044	0.043	0.195
0.98	-0.029	0.029	0.141
0.99	-0.015	0.014	0.081

$$\iota(p) = -p \log_2 p$$

$$H(p) = \iota(p) + \iota(1-p) = -p \log_2 p - (1-p) \log_2(1-p)$$