Cheat Sheet GF(2)

January 16, 2021

$Z_i = \log_\alpha(1 + \alpha^i)$

i	γ_i	$-\gamma_i$	γ_i^{-1}	$\log_\alpha(\gamma_i)$	α^i	Z_i
0	$0 = 0$	0	DNE	DNE	1	DNE
1	$1 = 1$	1	1	0	1	DNE

+	0	1
0	0	1
1	1	0

$\cdot$	1
1	1

$1^0 \equiv 1$
$1^1 \equiv 1$

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