Linear Approximation Table (LAT)

Baksheesh Cipher S-box

Linear Approximation Table (LAT) for Baksheesh S-box

Input Mask (α) \ Output Mask (β)	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	4	0	-4	0	0	0	0	-4	0	-4	0	0	0
2	0	0	0	4	0	0	-4	0	0	0	4	0	0	0	0	4
3	0	0	0	0	0	-4	-4	0	0	0	0	0	4	0	0	-4
4	0	0	0	0	0	0	0	0	0	4	-4	0	4	0	0	4
5	0	0	0	-4	0	-4	0	0	0	-4	0	0	0	0	0	4
6	0	0	0	4	0	0	4	0	0	-4	0	0	4	0	0	0
7	0	0	0	0	0	4	-4	0	0	-4	-4	0	0	0	0	0
8	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
9	0	0	-4	0	4	0	0	0	0	0	0	-4	0	-4	0	0
A	0	-4	0	0	4	0	0	0	4	0	0	0	0	4	0	0
B	0	-4	-4	0	0	0	0	0	-4	0	0	4	0	0	0	0
C	0	0	0	0	0	0	0	0	4	0	0	4	0	-4	4	0
D	0	0	-4	0	-4	0	0	0	4	0	0	0	0	0	-4	0
E	0	4	0	0	4	0	0	0	0	0	0	4	0	0	-4	0
F	0	-4	4	0	0	0	0	0	0	0	0	0	0	-4	-4	0