

E^0	E^1	E^2	E^3
0	0	1	1
1	0	0	1
1	1	1	0
1	0	0	0
1	0	1	0
0	0	1	1
0	1	0	0
0	0	0	0
1	1	0	0
0	1	0	1
.	.	.	.
.	.	.	.
.	.	.	.
0	0	1	0