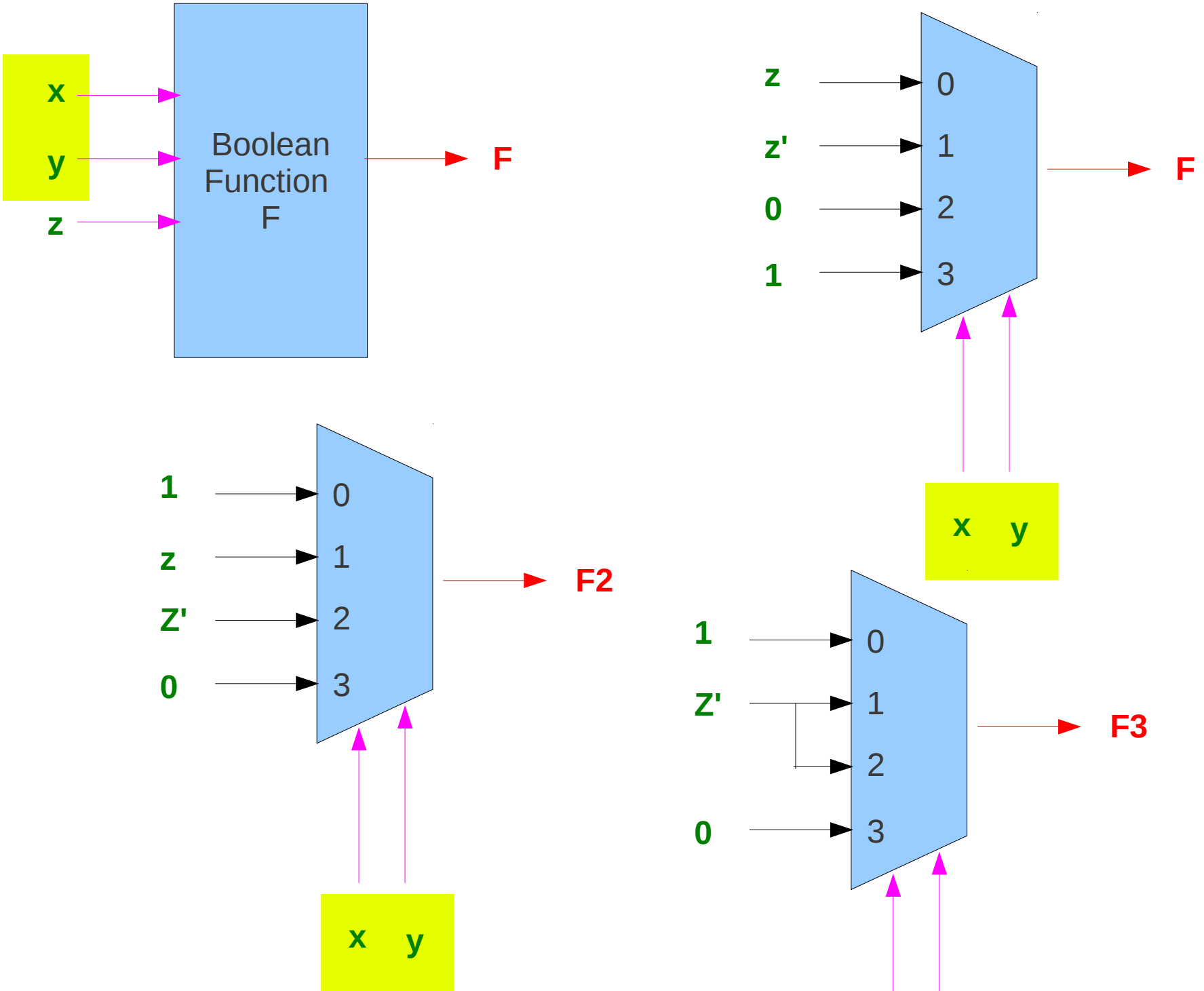
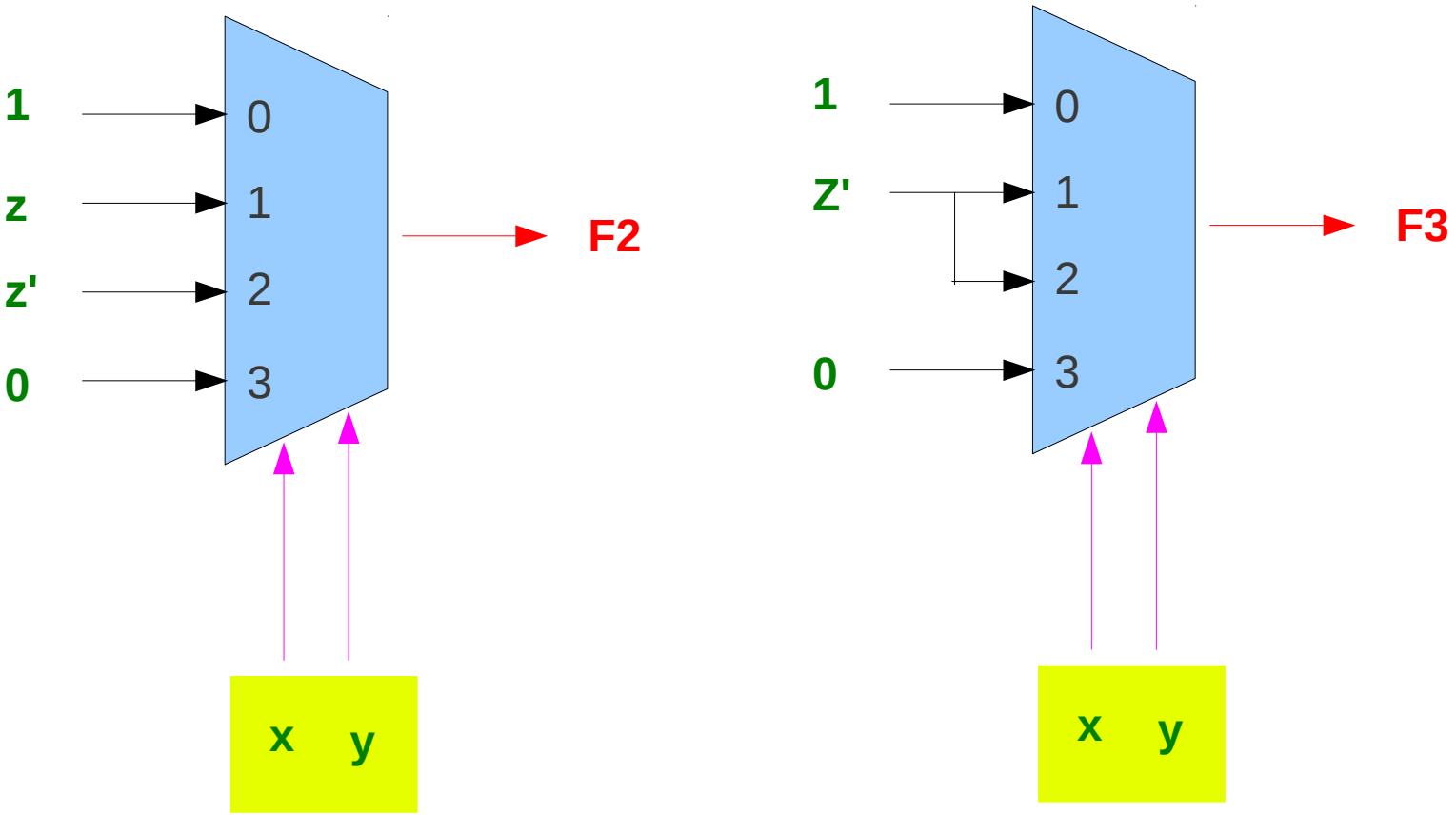
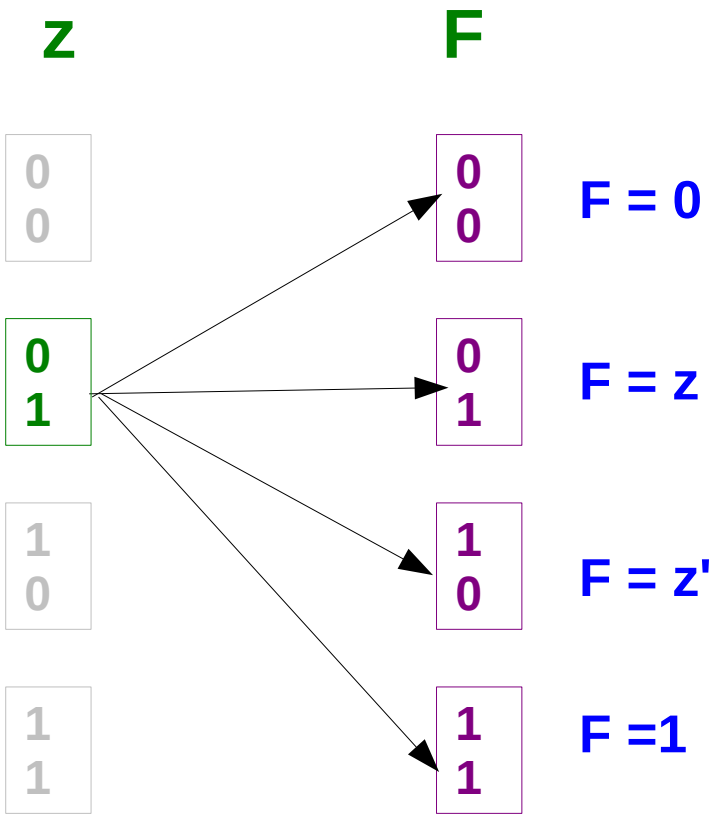
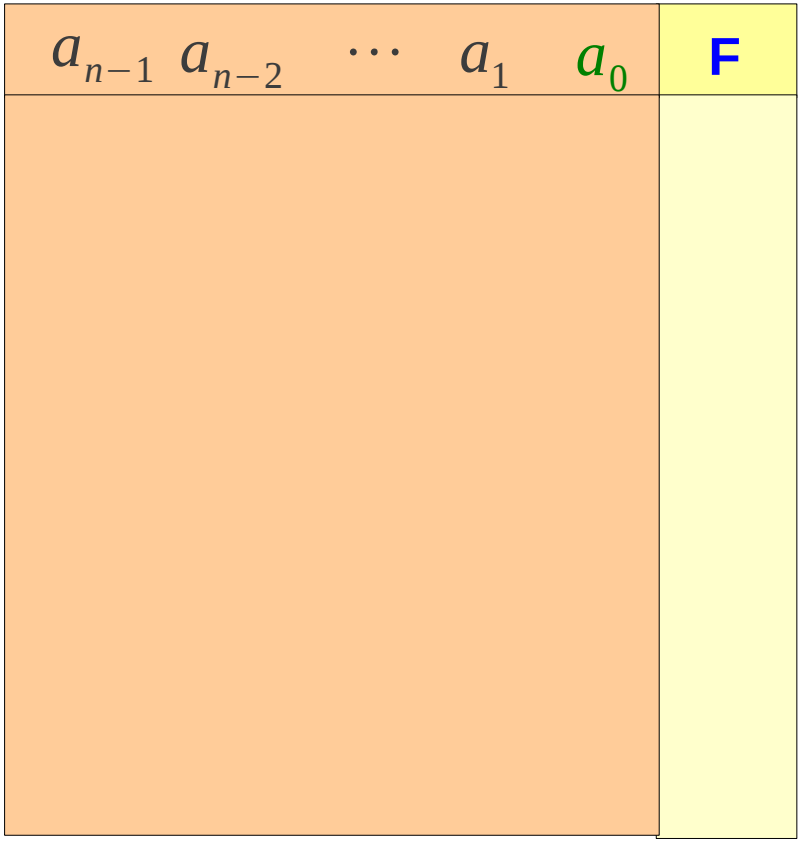

x
y
z
Boolean
Function
F
F
z
z'
0
1
0
1
2
3
F
x y
1
z
Z'
0
0
1
2
3
F2
x y
1
Z'
0
0
1
2
3
F3


1
z
z'
0
0
1
2
3
F2
x
y
1
Z'
0
0
1
2
3
F3
x
y


z
F
0
0
0
1
1
0
1
1
0
0
0
1
1
0
1
1
F = 0
F = z
F = z'
F =1

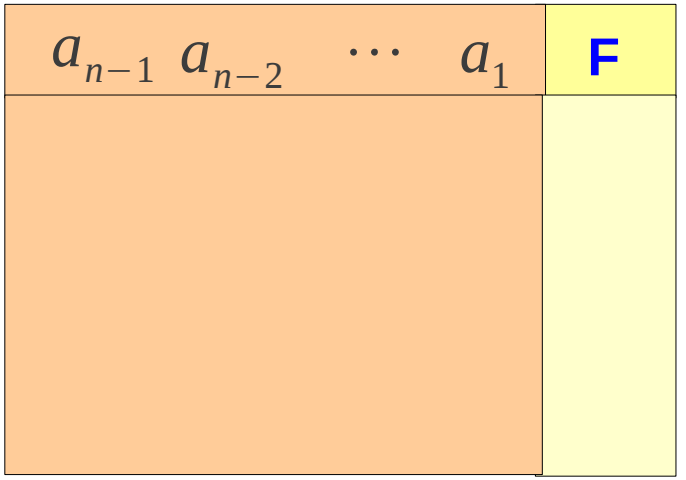
n inputs



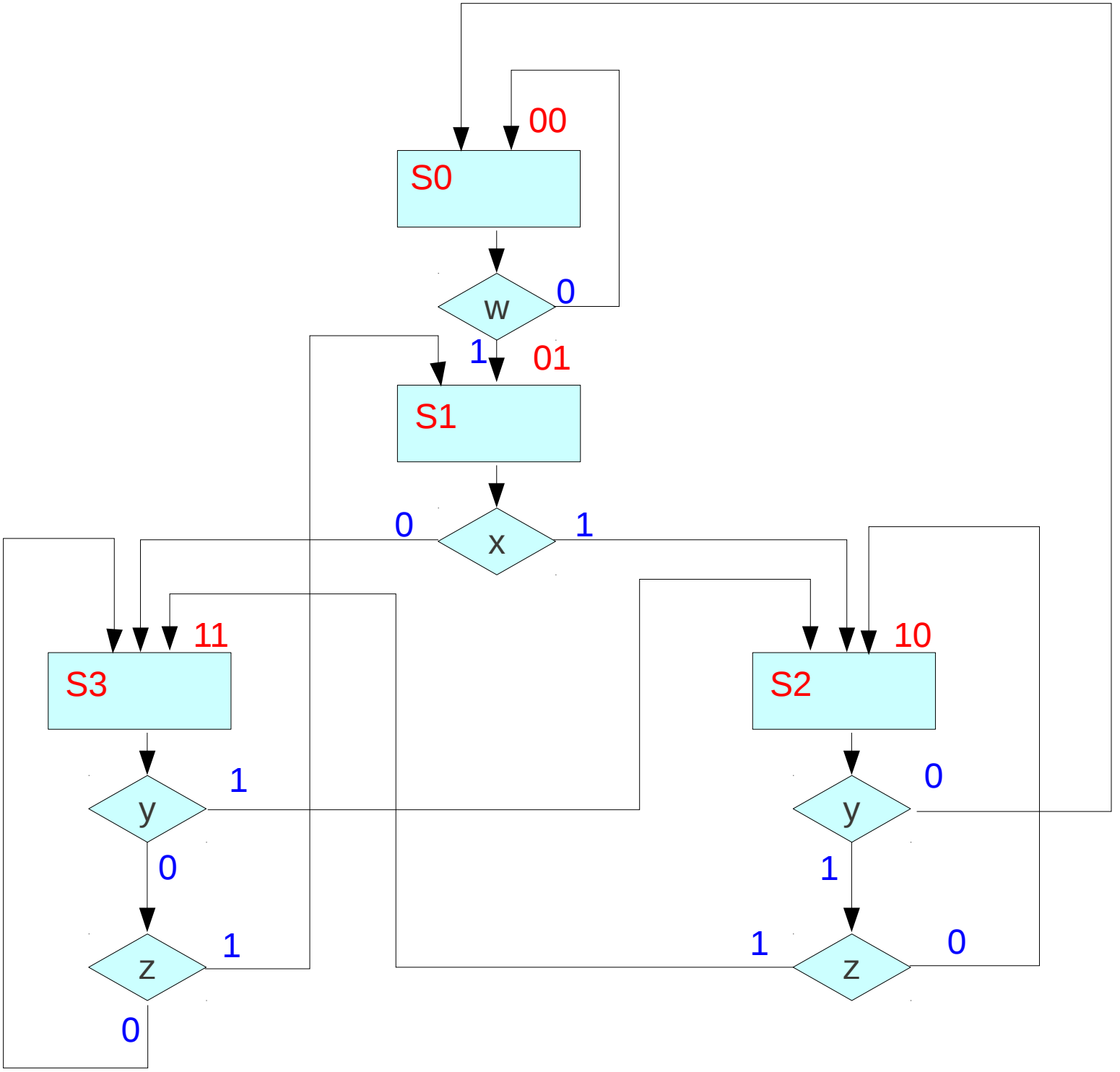
2^n rows

F ∈ { a_0 $\overline{a_0}$ 0 1 }

(n-1) inputs



2^(n-1) rows


00
S0
w
0
1
01
S1
x
0
1
11
S3
10
S2
y
1
y
0
0
1
z
1
1
z
0
0