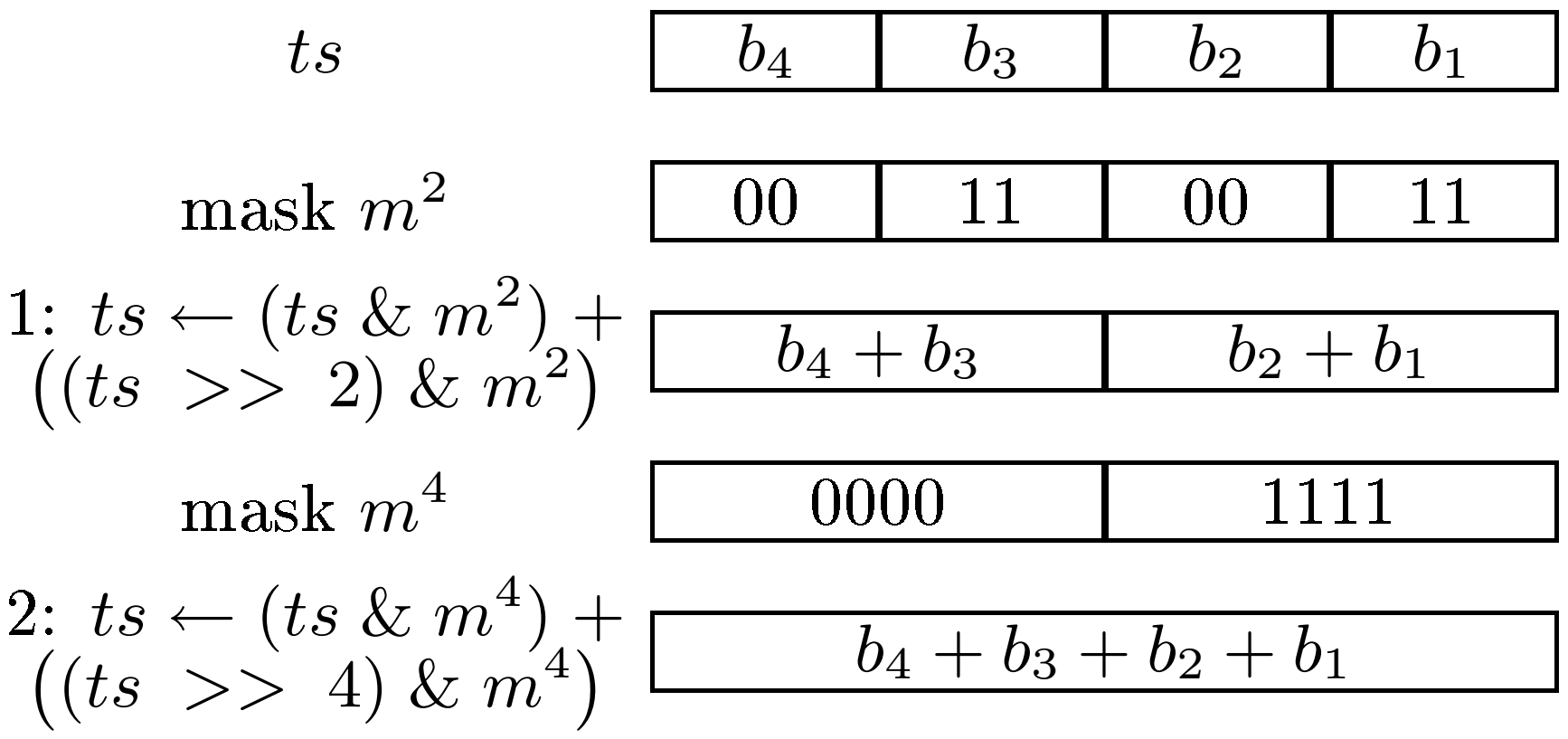
ts
b_4 b_3 b_2 b_1
mask m^2
00 11 00 11
1: $ts \leftarrow (ts \,\&\, m^2) + ((ts >> 2) \,\&\, m^2)$
$b_4 + b_3$ $b_2 + b_1$
mask m^4
0000 1111
2: $ts \leftarrow (ts \,\&\, m^4) + ((ts >> 4) \,\&\, m^4)$
$b_4 + b_3 + b_2 + b_1$