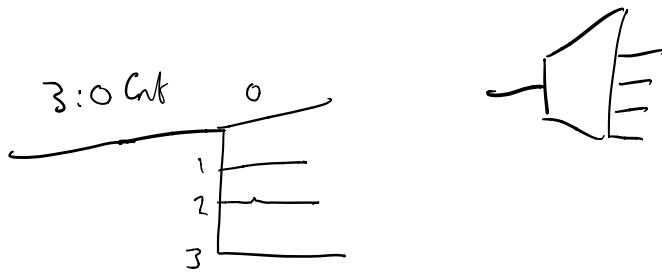
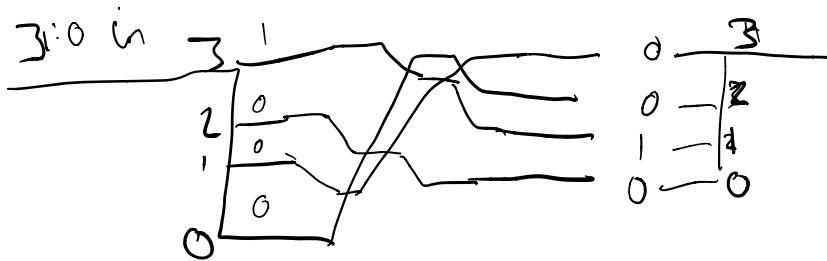
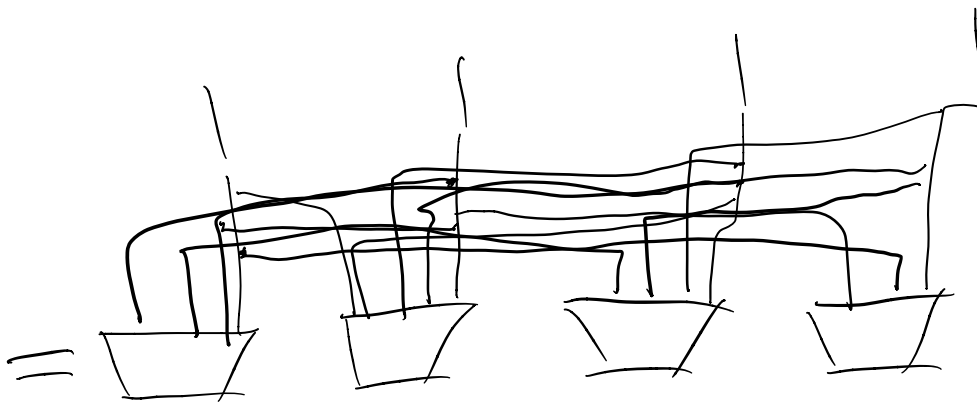


Rotate Left



1000 2 : 0010



4x4 left rotate

module max16_1 (in , shift, out)

input [15:0] in

input [3:0] shift

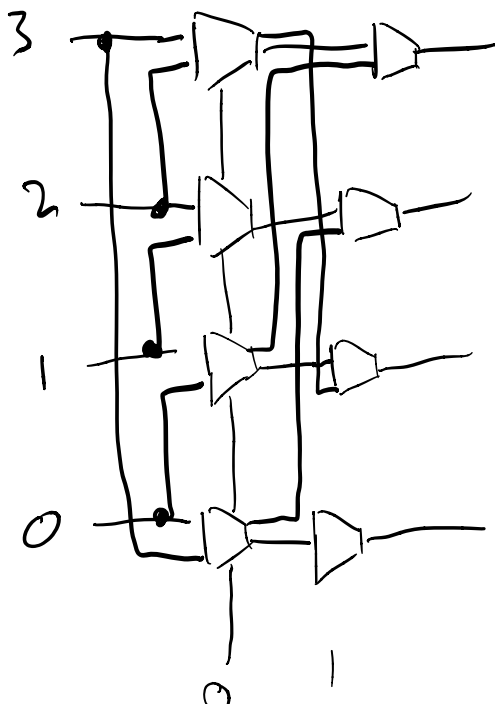
output out

wire out

wire [3:0] shift

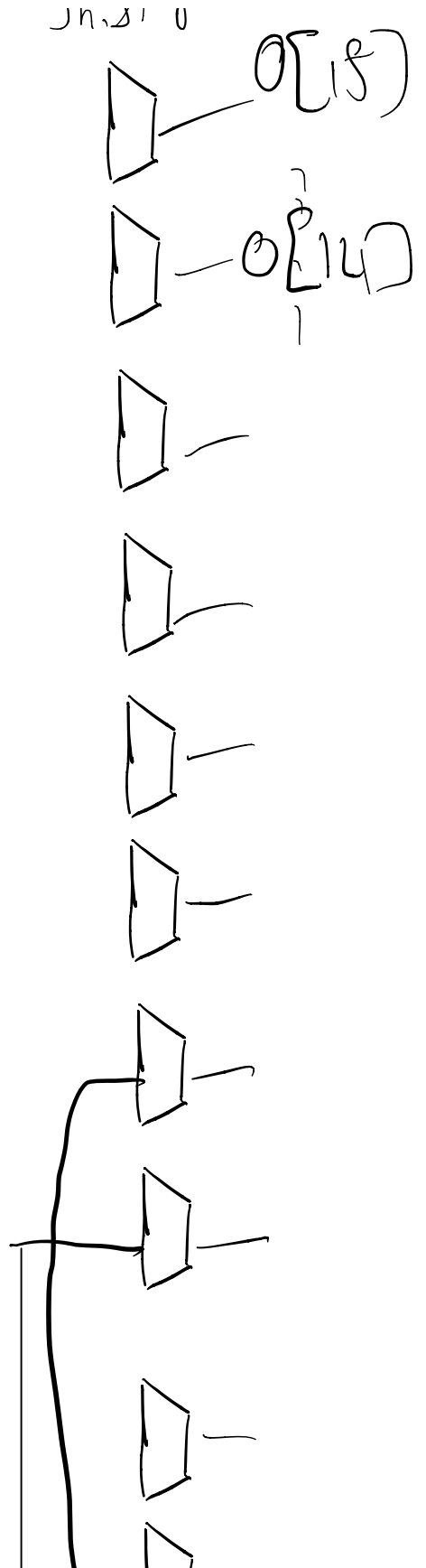
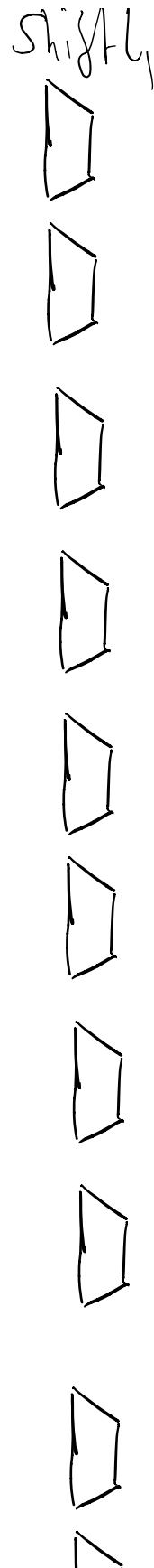
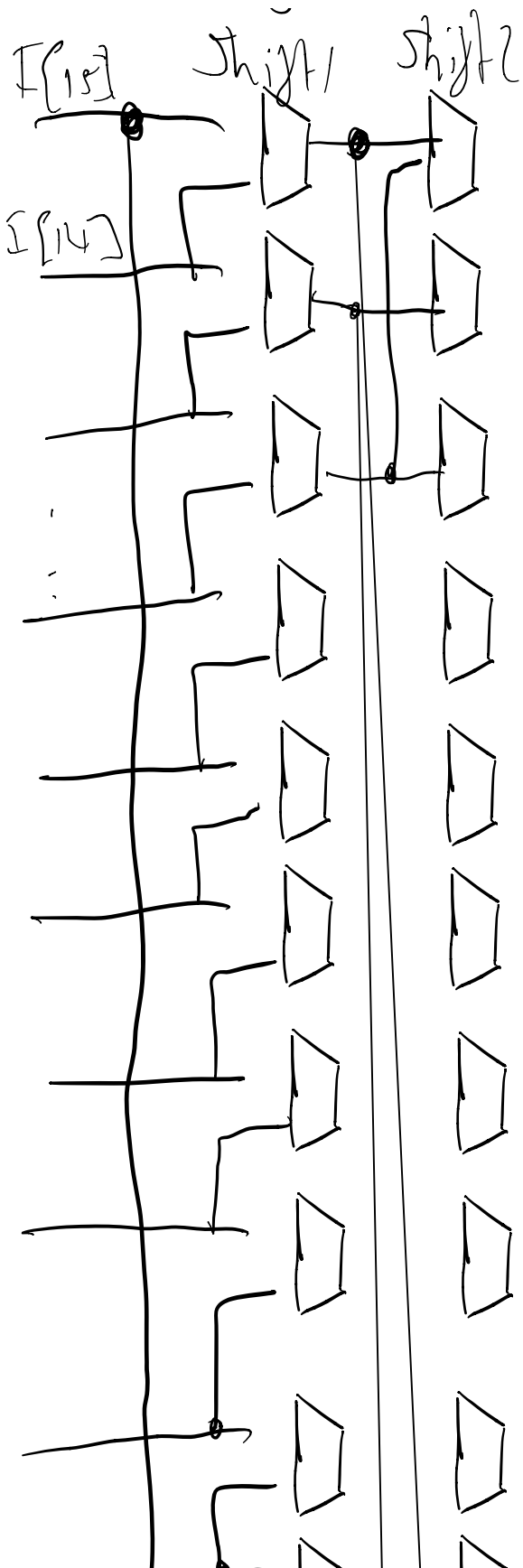
wire [15:0] in

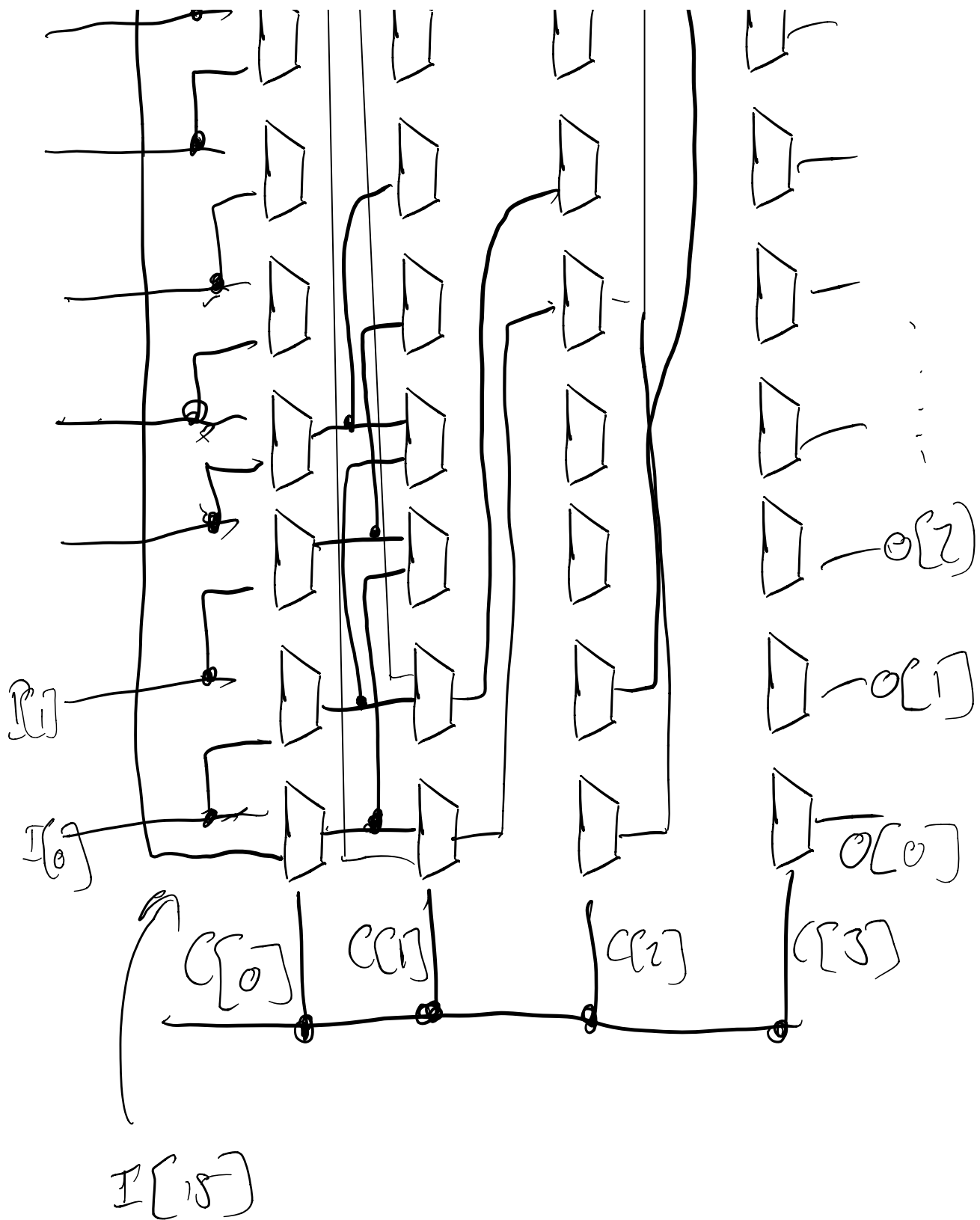
assign out =



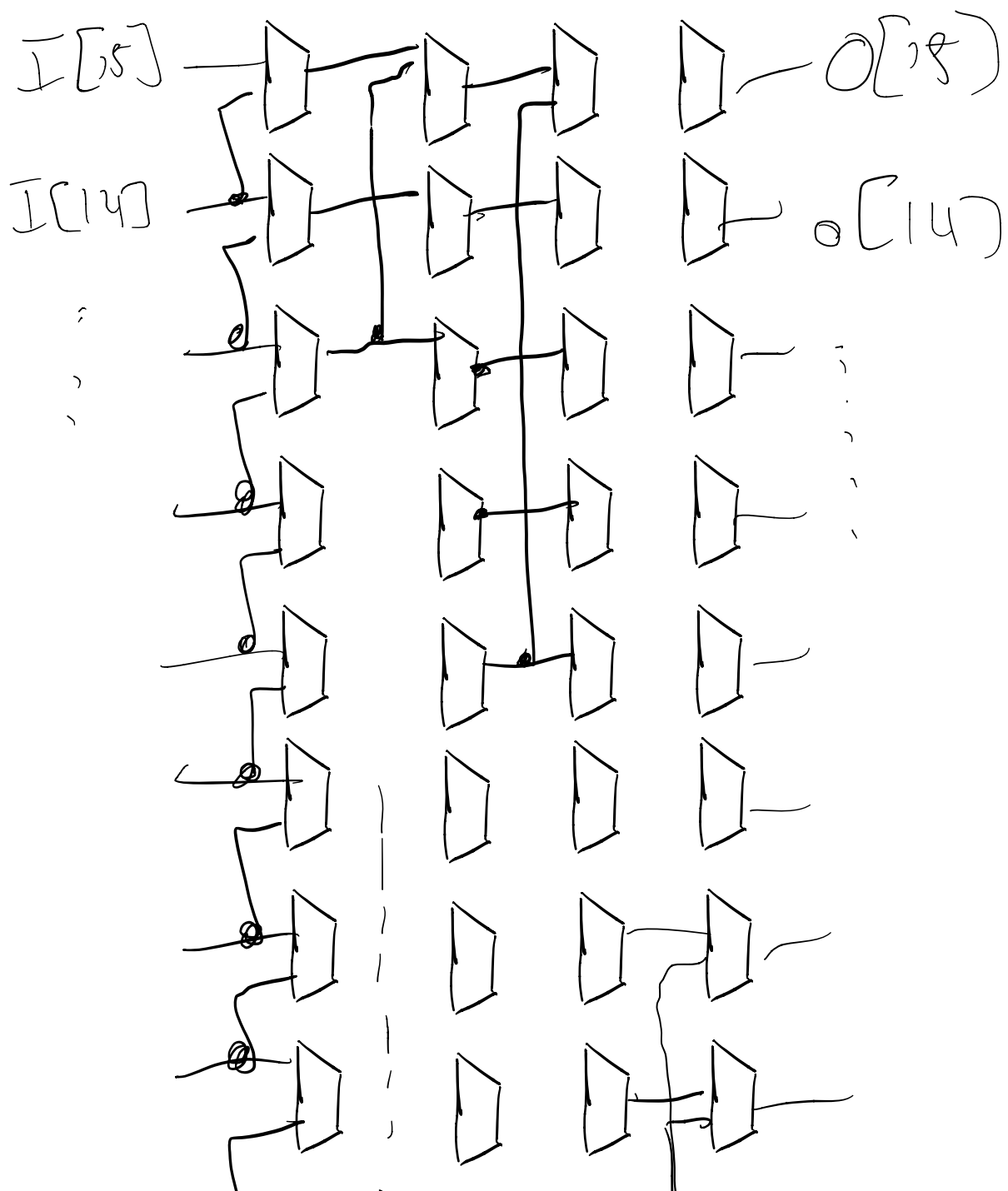
Rotate left

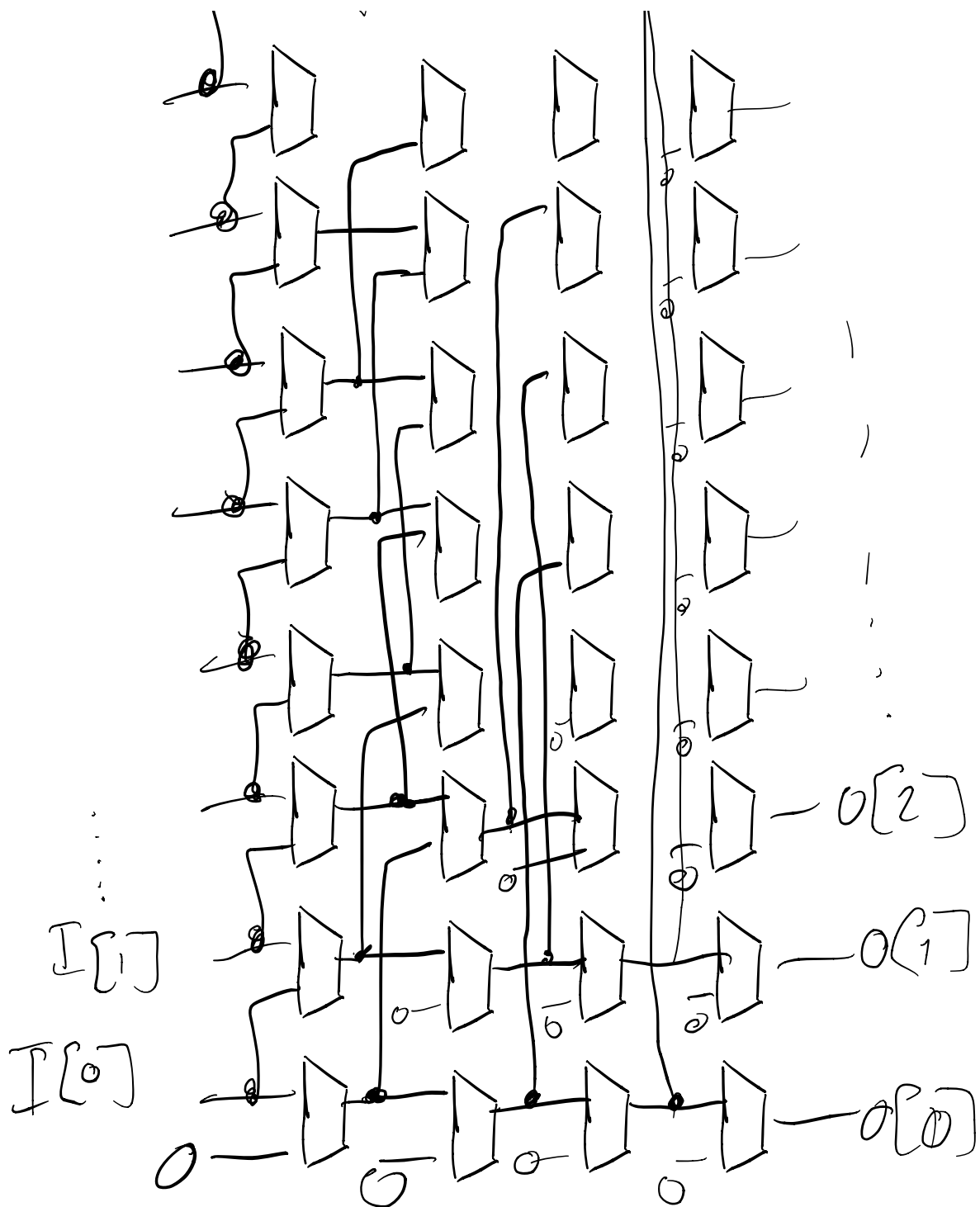
... 17 18



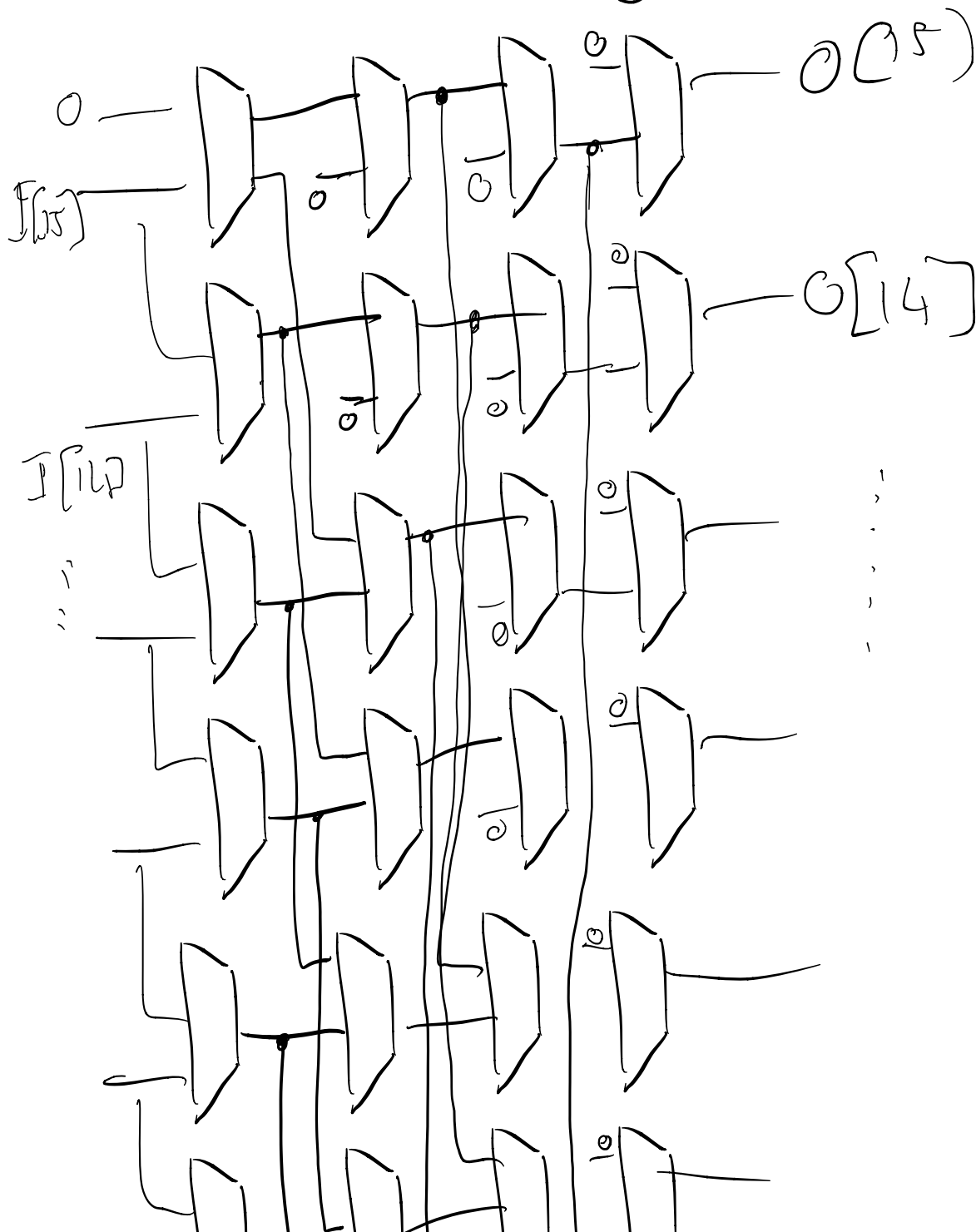


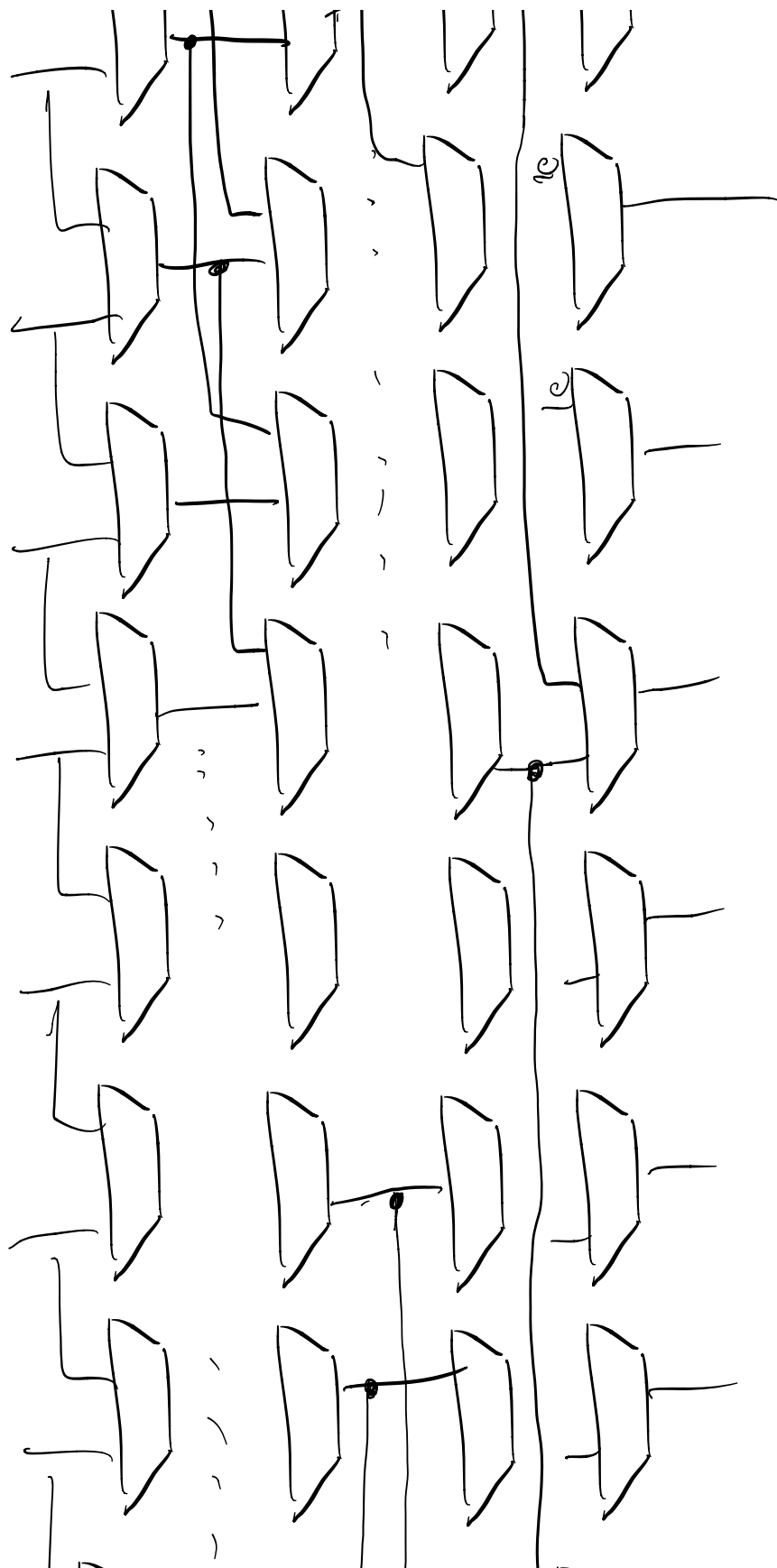
Shift Left

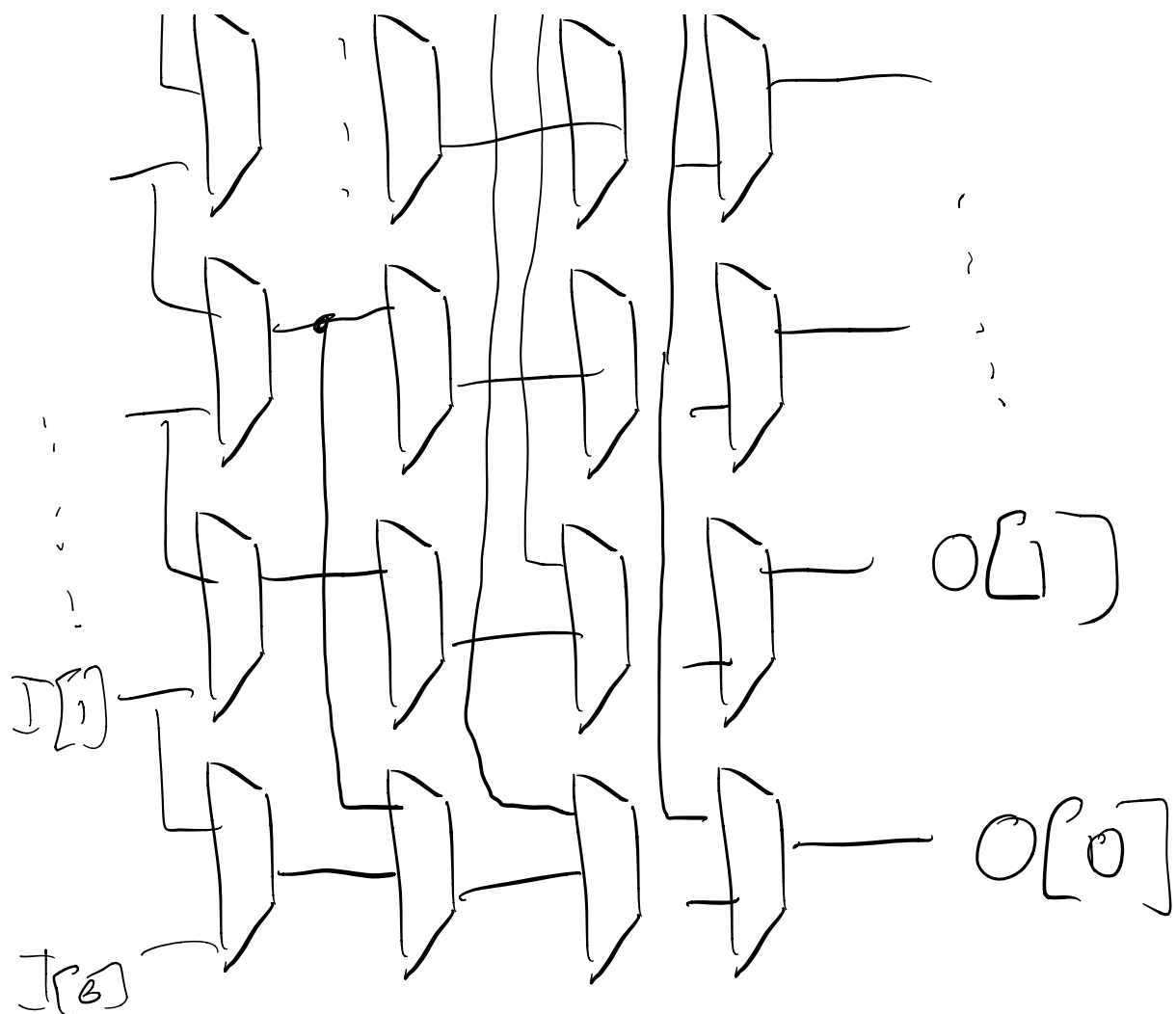




Shift Right logical







Arithmetic Shift Right

