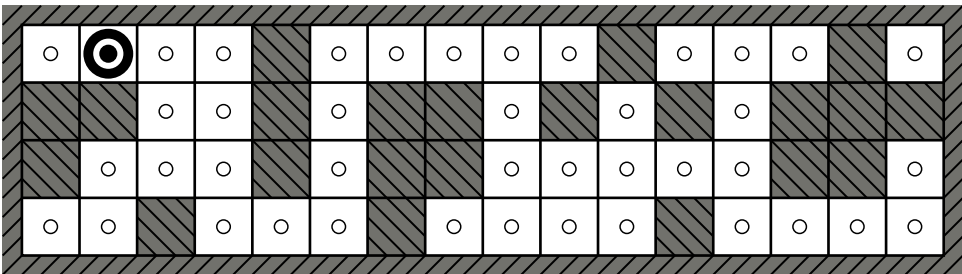


(a) Possible locations of robot after  $E_1 = 1011$



(b) Possible locations of robot after  $E_1 = 1011, E_2 = 1010$