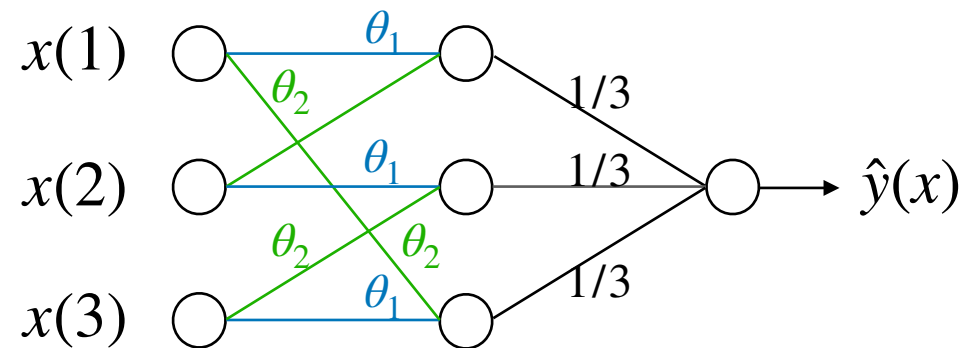
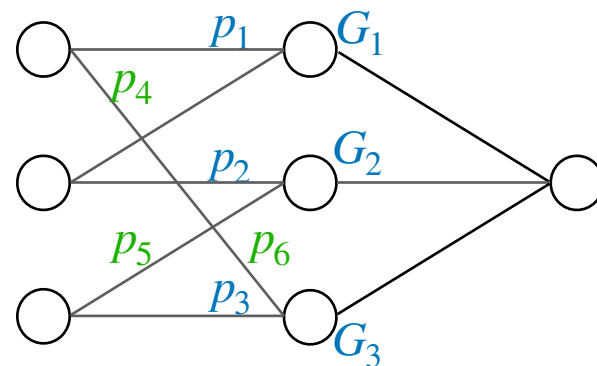


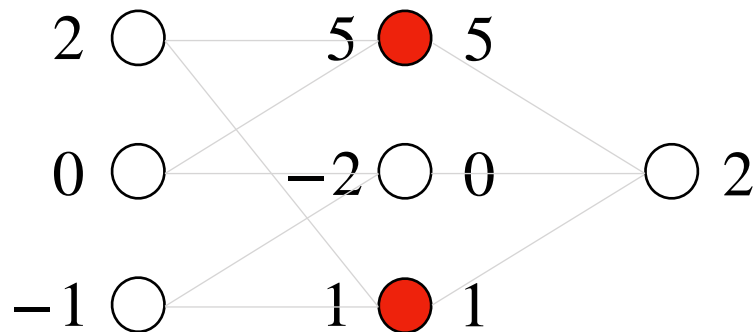
## kernel window = 2



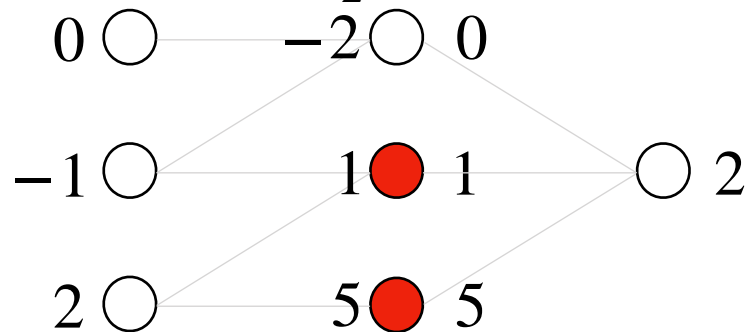
## paths and gates



**Input:**  $x_1$



**Input:**  $x_2$



**internal state for inputs  $x_1, x_2$**