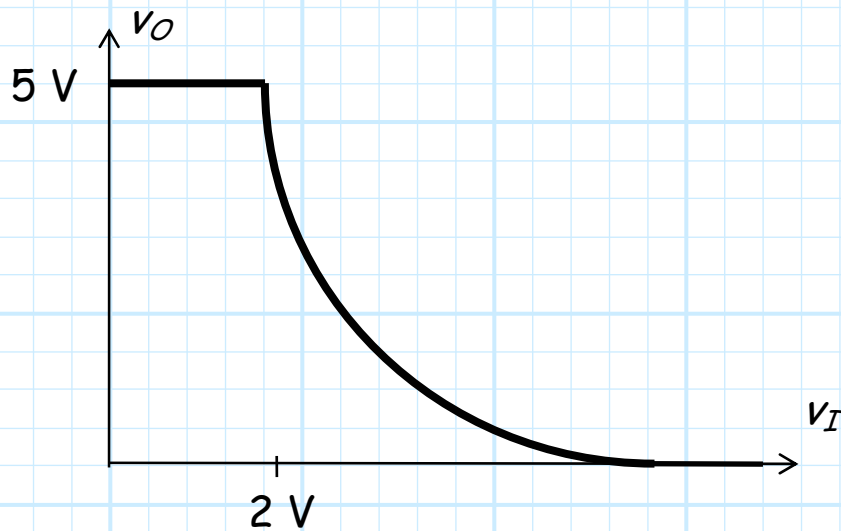


Special Problem 1.7 -1

The transfer function of some strange inverter is given as:

$$v_o = \begin{cases} 5.0 & \text{for } 0 < v_I < 2.0 \\ 5.0 e^{(3.0-1.5v_I)} & \text{for } v_I > 2.0 \end{cases}$$



Determine the values of V_{OH} , V_{OL} , and V_{IH} for this inverter.