Graphical solution for voltage and current through diode. $i_D = I_s e^{v/v_{th}}$ $i_D = \frac{v_s - v}{R}$ 0.010 V: 0.809 V, I: 9.18 mA Solution 0.008 Current [A] 600.0 0.004 0.002 0.000 10 Voltage [V]