Graphical solution for voltage and current through diode. 0.0008 -0.0006 Current [A] $I_R = I_s e^{v/v_{th}}$ $I_D = \frac{v_s - v}{R}$ 0.0004 Solution 0.0002 V: 0.682 V, I: 0.07 mA 0.0000 0.1 0.0 0.2 0.3 0.4 0.5 0.6 0.7 Voltage [V]