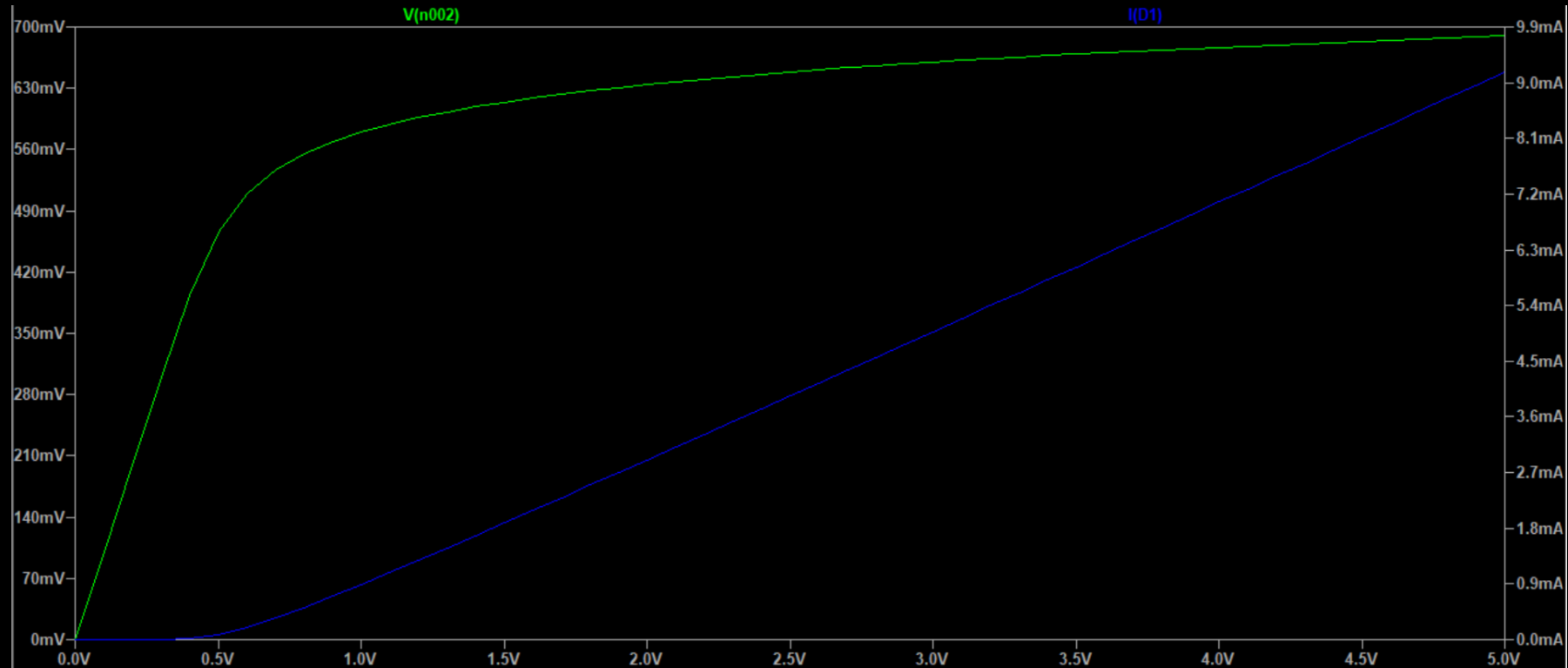


Exercise E1



$$\frac{1}{R} = 2.1028 \text{mA}^{-1}, R = 475.56 \Omega$$

Exercise E1



$$I = 9.171mA \text{ when } V = 5.0V$$

$$V_f = V - IR = 0.639V$$