Special Problem 3.3-1

A piecewise linear diode model uses an offset voltage of V_{DO} = 0.6 V. If a voltage of 0.7 V is placed across this diode model, a current of I_D = 1 mA results.

- 1. Determine the value of resistor r_d in this PWL model.
- 2. Use this diode model in the circuit given below to find the voltage V_o , and current I.

