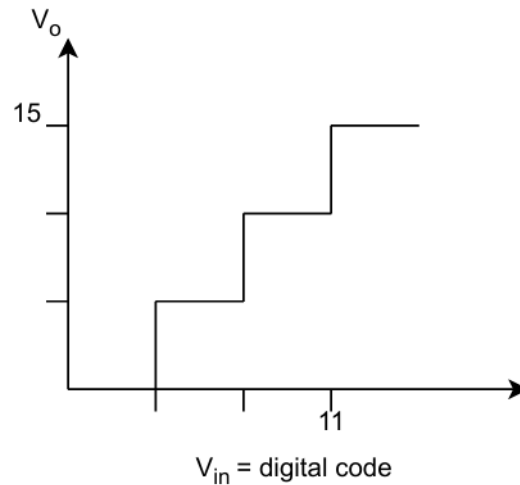


CSE350: Assignment 3

The figure below shows the input-output characteristics of a converter. The output of the converter is denoted as V_o and the input as V_{in} .



- (a) Identify the converter type and the number of bits used by the converter. Further, calculate V_{ref} when $R_f = 2R$.
- (b) Draw the converter with appropriate values from part (a).
- (c) Calculate all the outputs, V_o for the converter. Copy the transfer curve in Figure and write down the missing input and output values.