



Electrical Engineering Department
EE 410 Digital Image Processing (052)
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Q1: Compute the time needed to transmit a 1-second digital video stream at the rate of 30 frames per second using a 128Kbaud modem, where each frame has a size of 256×256 pixels and 64 gray levels, (baud rate is # of bits transmitted by second).
Assume transmission is accomplished in packets consisting of a start bit, information bits, and a stop bit.