

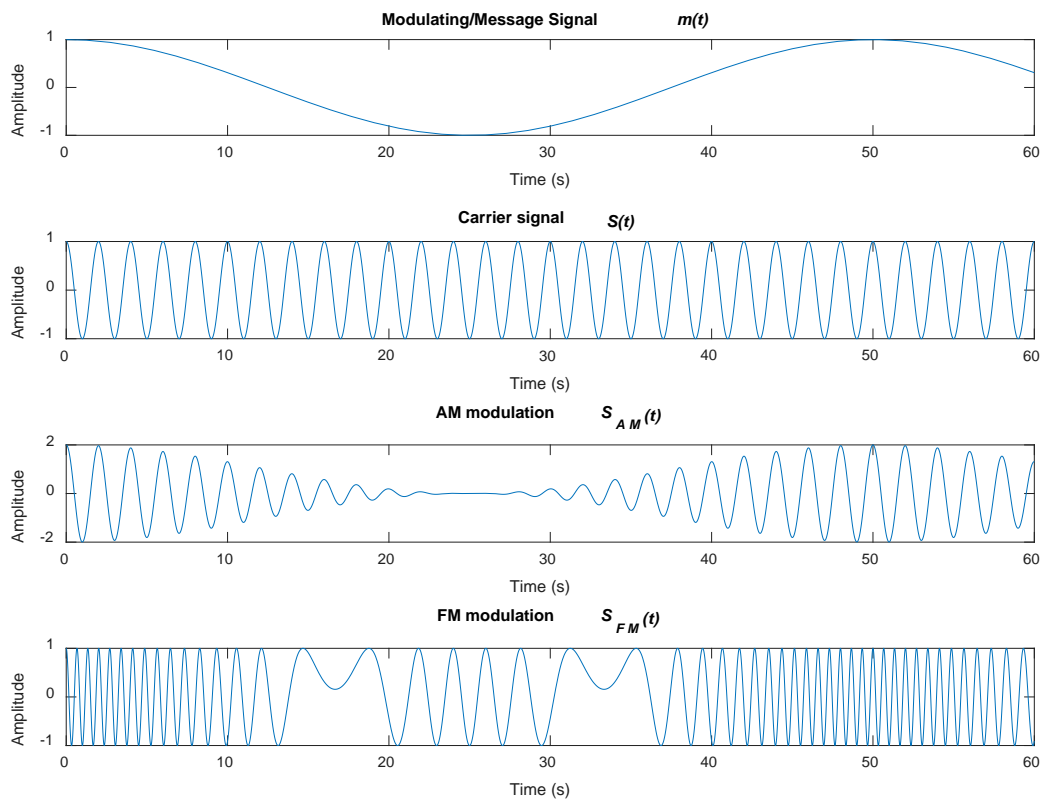
Yogesh Mundhra

301346798

ENSC 180 - Assignment 8

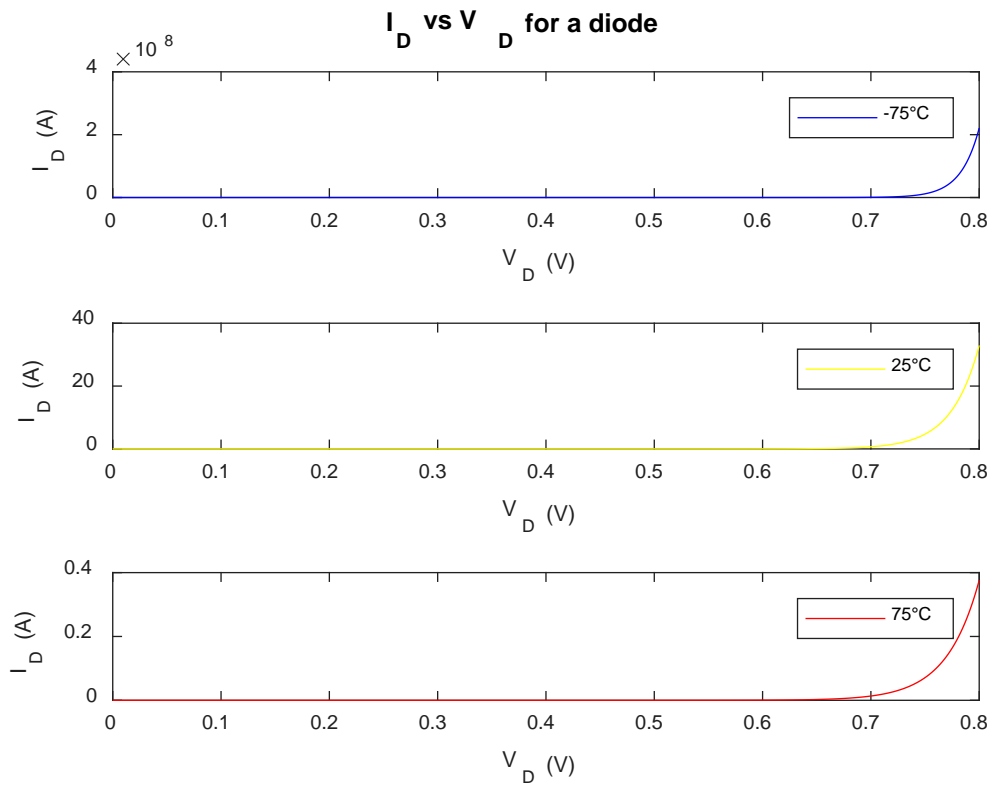
Zhendong Cao – Group 4.

1)

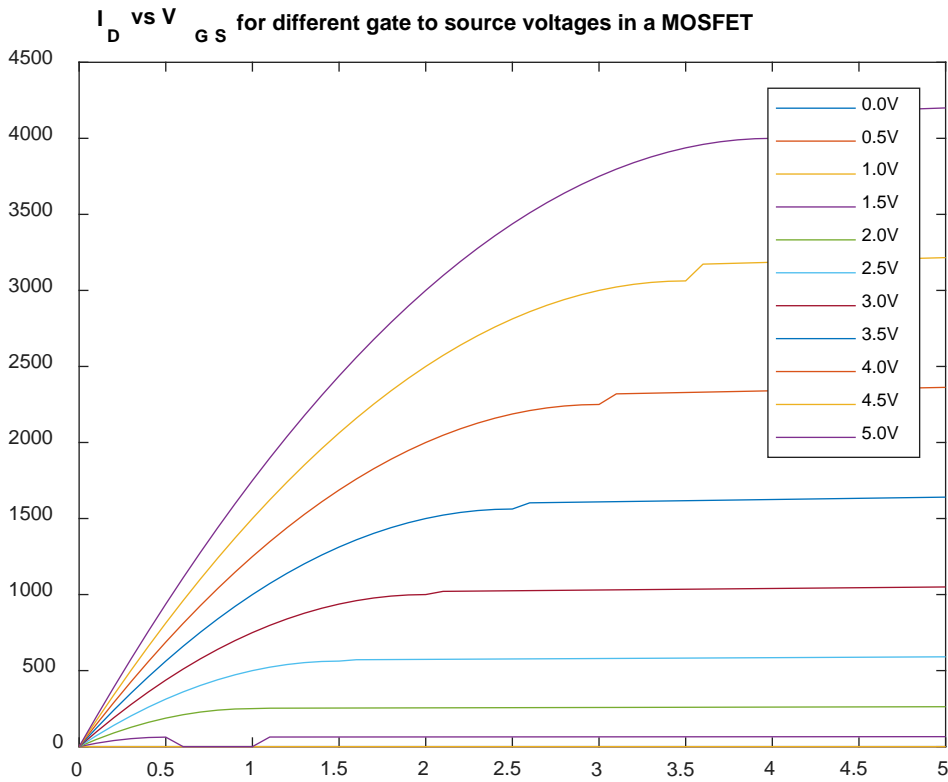


The frequency of the carrier signal is higher than that of the message signal and we see that where the AM modulation has almost zero amplitude, the FM modulation has a consistent cosine wave.

2)

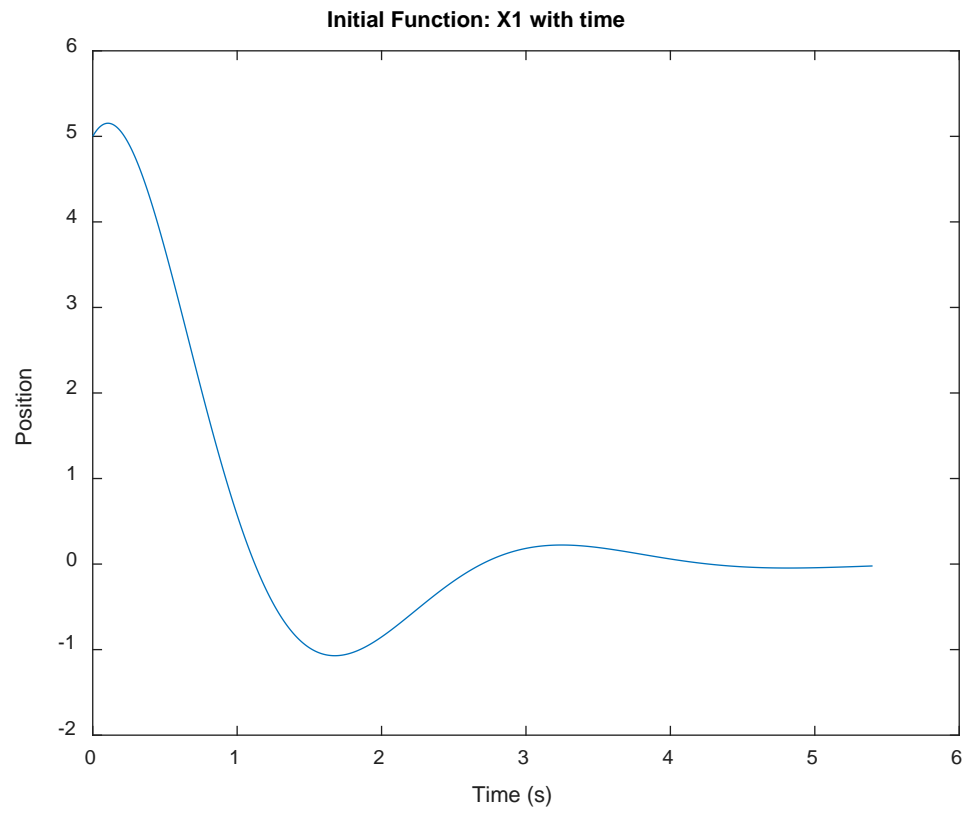


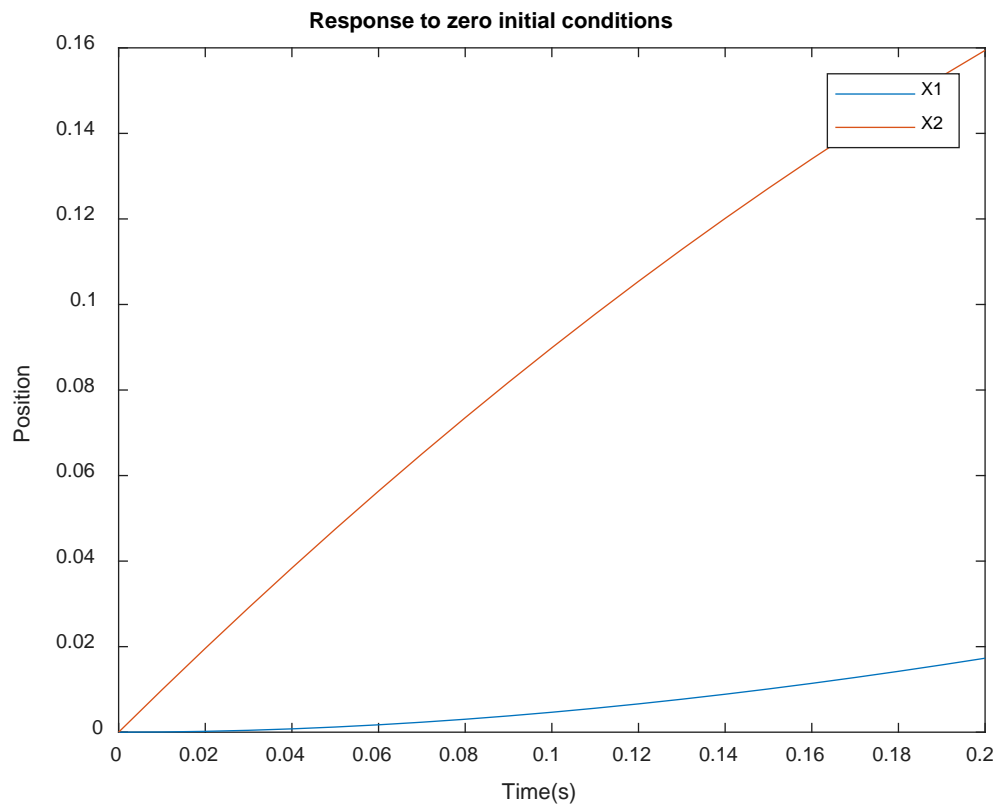
As the temperature increases, the diode forward current I_D decreases.



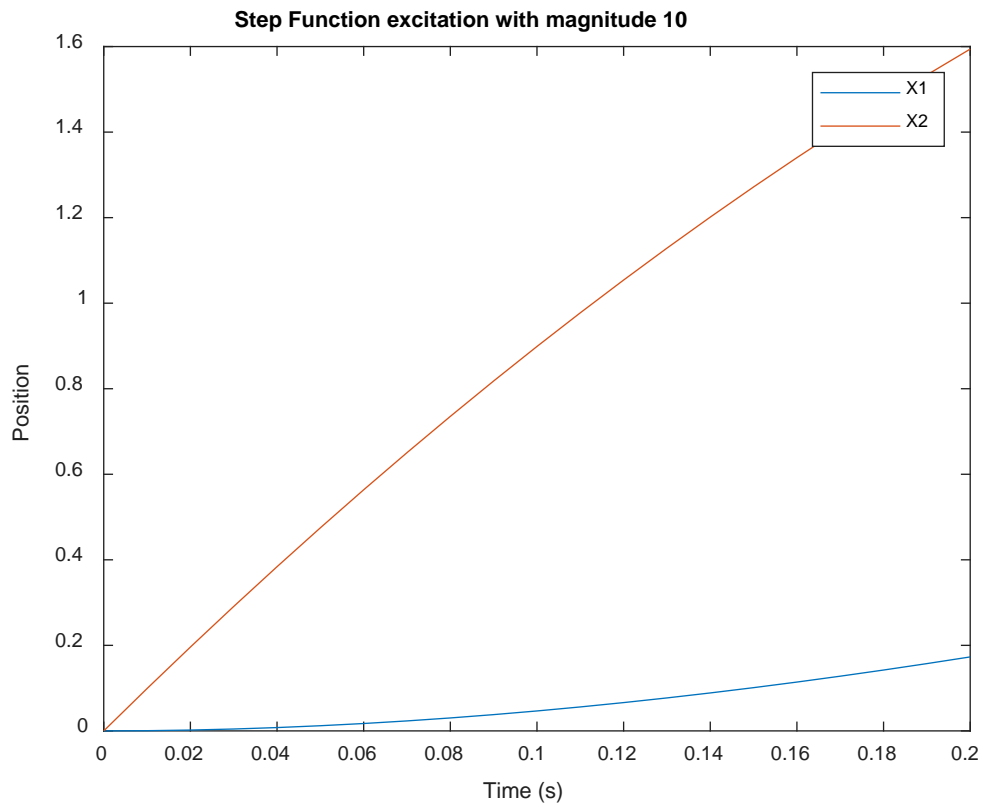
3)

4)a)





b)



5) a)

1.5:



3.1:



0.3:



b)

1.5:



3.1:



0.3:



c)

1.5:



3.1:



0.3:

