

BIRZEIT UNIVERSITY

Faculty of Engineering

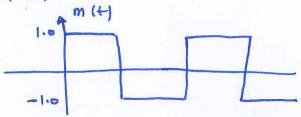
Electrical And Computer Engineering Department

Communication Systems-ENEE 3309 **Suggested Problems**

Instructors: Dr. Ashraf Rimawi

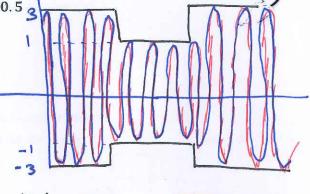
Nov.08, 2021

Problem #1 (10 points): Consider A modulating signal m(t) is a square wave shown in below. Assume the carrier is given by $c(t) = 2 \sin(8 \pi t) v$

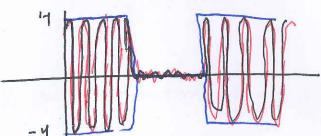


a. Plot normal AM modulated signal at $\mu=0.5$ 3

SAMITI = AC [I+ Kamin] City



b. Plot normal AM modulated at $\mu=1$



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STUDENTS-HUB.COM modulated signal

GOOD LUCK ③