close all;clear all;

Ac=1;

fc=10^4;

t=10^-7:10^-7:0.003;

fm=10^3;

vm=cos(2\*pi\*fm.\*t);

freq\_de=0.25;

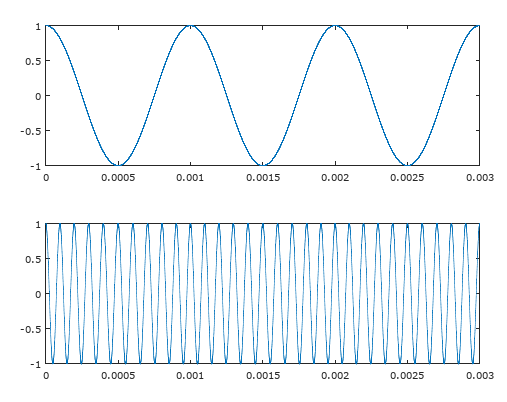
v=Ac\*cos(2\*pi\*fc.\*t+freq\_de\*sin(2\*pi\*fm.\*t));

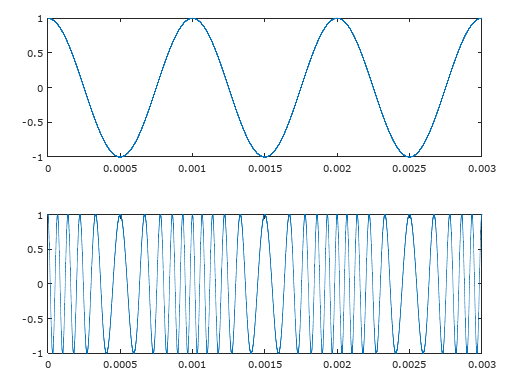
subplot(2,1,1);

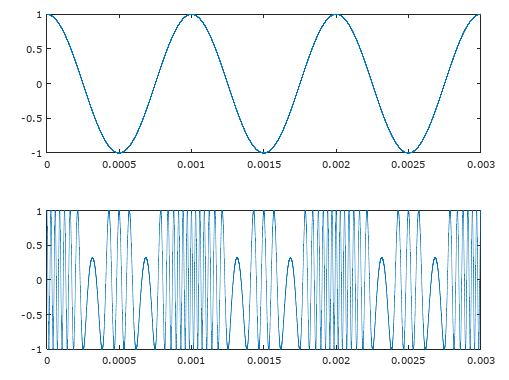
plot(t,vm);

subplot(2,1,2);

plot(t,v);

freq \_de=0.25 

freq \_de=5 

freq \_de=25 

freq \_de=50 