

close all;

clear all;

fm=10^3;

t\_step=1/(1000\*fm);

t\_step1=1/(3\*fm);

t1=t\_step1:t\_step1:(1/(fm))

t=t\_step:t\_step:(1/(fm))

v=sin(2\*pi\*fm.\*t);

v1=sin(2\*pi\*fm.\*t1);

subplot(3,1,1);

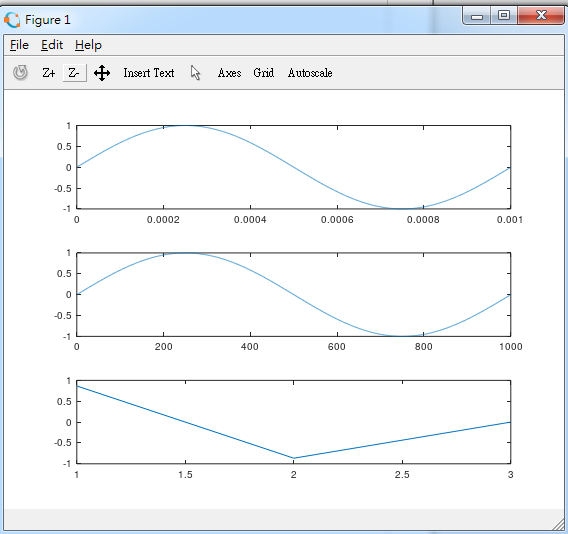
plot(t,v);

subplot(3,1,2);

plot(v);

subplot(3,1,3);

plot(v1)



close all;

clear all;

fm=10^3;

t\_step=1/(10^5\*fm);

t=t\_step:t\_step:(1/fm);

v=sin(2\*pi\*fm.\*t);

sample\_rate=50;

fs=sample\_rate\*fm;

pw=10^3;

size\_vv=size(v,2);

p=[];

for i=1:1:round(fs/fm)

p=[p zeros(1,round(size\_vv/sample\_rate)-round(pw)) ones(1,round(pw))];

end

vp=v.\*p;

subplot(3,1,1);

plot(t,v);

subplot(3,1,2);

plot(t,p);

subplot(3,1,3);

plot(t,vp);

