Muhammet Kayra Bulut 20011901 Ödev\_2

Kodum

Fs=20000;

f0=100;

Ts=1/Fs;

t=0:Ts:0.04;

x2=6113\*cos(2\*pi\*2\*f0\*t+1.508);

x4=x2+14708\*cos(2\*pi\*4\*f0\*t+1.877);

x5=x4+24418\*cos(2\*pi\*f0\*t\*5-0.185);

x16=x5+6811\*cos(2\*pi\*16\*f0\*t-1.449);

x17=x16+2362\*cos(2\*pi\*17\*f0\*t);

subplot(5,1,1);

plot(t,x2,'Linewidth',3);

title('x2');

subplot(5,1,2);

plot(t,x4,'Linewidth',3);

title('x4+x5');

subplot(5,1,3);

plot(t,x5,'Linewidth',3);

title('x5+x4+x2');

subplot(5,1,4);

plot(t,x16,'Linewidth',3);

title('x16+x5+x4+x2');

subplot(5,1,5);

plot(t,x17,'Linewidth',3);

title('x17+x16+x5+x4+x2');

sound(x17,Fs);

