

EC4214

Homework #1 (2018.09.03)

```
clear
f0=1000000;
fd=f0/100000;
t0=.001;
FI=0;
for t=0:t0:t0*1000,
    FI=FI+1;
    DI=0;
    %for f=f0-f0/10000:f0/100000000:f0+f0/10000,
    for f=f0:fd:f0+2*fd,
        DI=DI+1;
    end
    y(FI,DI)=cos(f*t);
end
end
for A=1:FI,
    LL(A)=sum(y(A,:));
end
tt=[0:t0:t0*1000];
plot(tt,LL)
```

