

```
clear all; close all;
t=0:0.01:10;      %set a 10 s time axis. T = 0.01s and T' = 10s
g1 = 1.5*cos(2*pi*1*t); %three time-harmonic functions...
g2 = 3.0*cos(2*pi*10*t);
g3 = 4.5*cos(2*pi*25*t);
g=g1+g2+g3;      %...that are summed to give g(t). u at 1,10,25 Hz
```