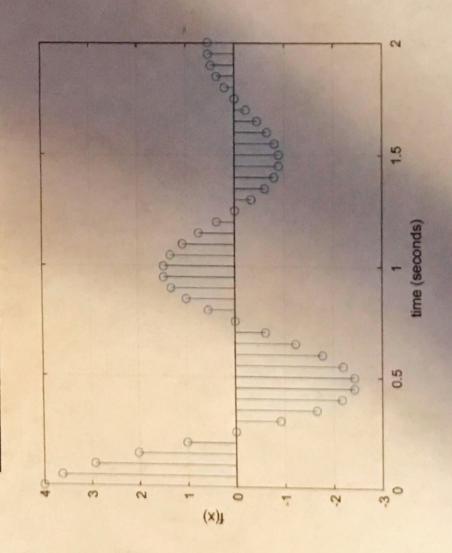


```
y = a * exp(-1 * t) .* cos(t * pi * f);
                                                                                                                  saveas(gcf,'dampedSinusoid.png')
                               stem(t, y)
grid
xlabel('time (seconds)')
ylabel('f(x)')
```



cost isinh 6036 + (cosa - isina) - (030-15100 e-1(a16) (05 (416) = cintib + e-id-ib 2: (0501 sind + 2, sina cosb cost + sinb (05 a sinb + sing (05b (US a bin a (cos b) (sinb) 2050 ginb - Sinh sin = ((416) Piatib (050 + 1100) 3, Sin (a+b)

X= 3 cos (-180) =-30 X= 350 (-180) = 00

0