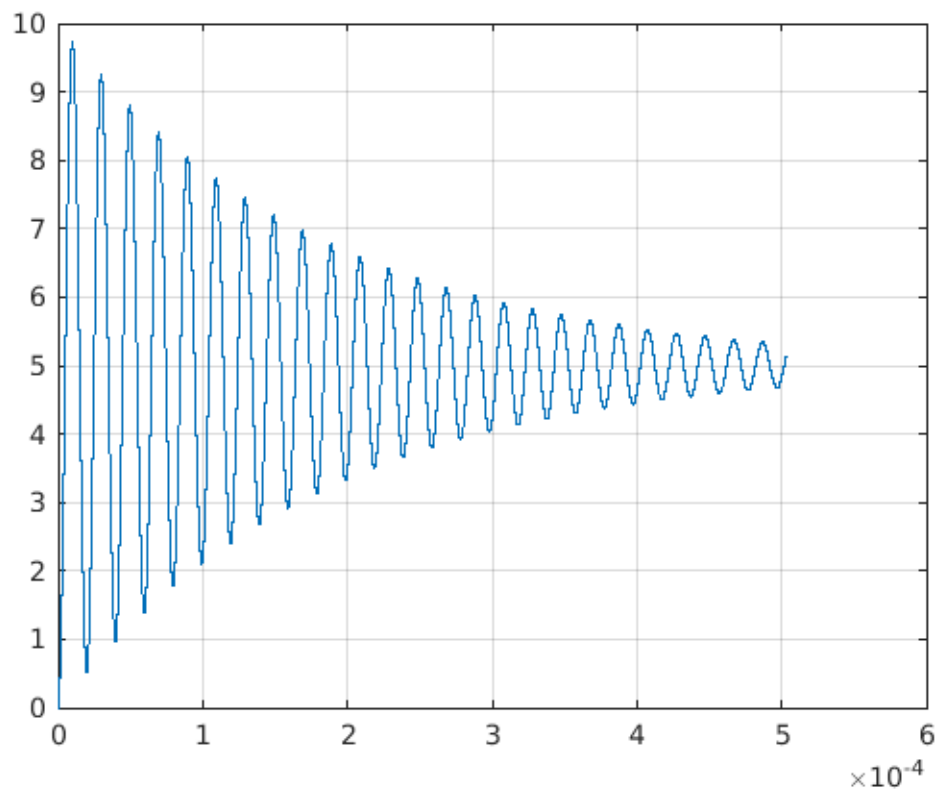

```
a = -5500;  
B = 316180;  
f = 2*pi*316180;  
T = 1/f;  
t = linspace(0,1000*T,50000);  
k1 = 1;  
k2 = 0.017395;  
  
Vc = 5.*(1-exp(a.*t).*((k1.*cos(B.*t))+(k2.*sin(B.*t)))));  
  
plot(t,Vc);  
  
grid on;
```



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