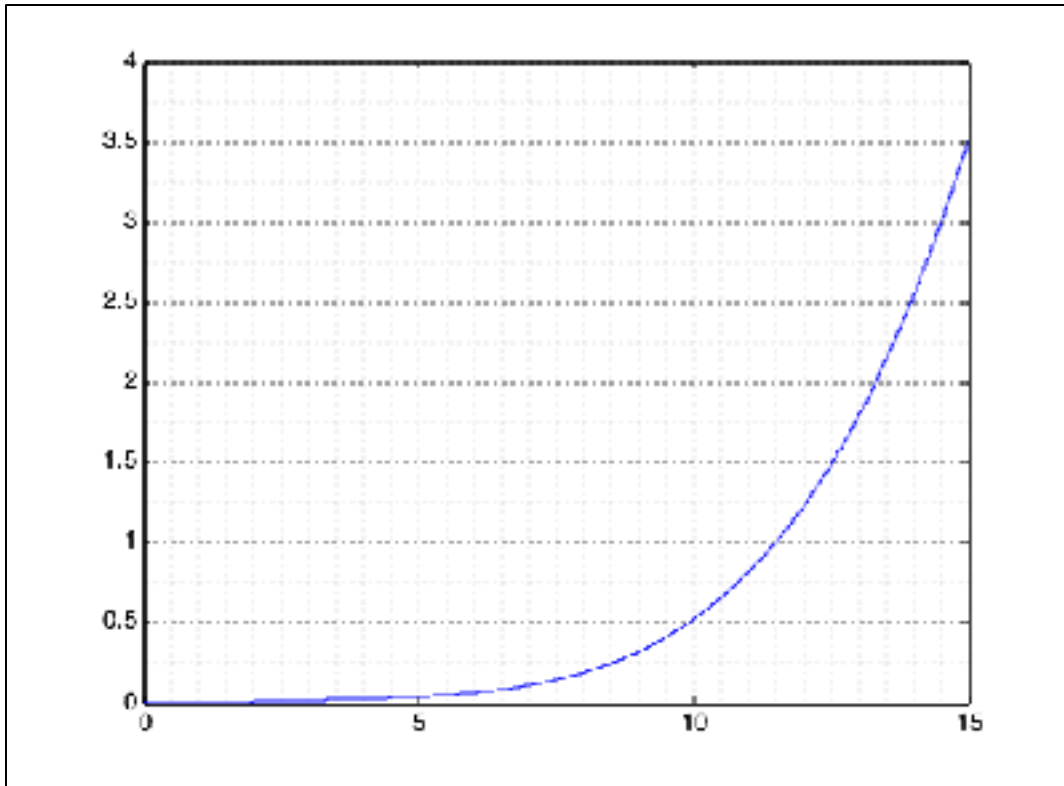


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15/ENG01/009
CHEMICAL ENGINEERING
ENG 381

```
1. clear
   clc
   close all
   w=0.5
   E=30
   l=5
   L=2.5
   x=0:0.001:15
   y=((6*w*L.^2*x.^2)-(4*w*L*x.^3)+(w*x.^4))/(24*E*l)
   plot(x,y)
   grid on
   grid minor
   xlabel('x')
   ylabel('y')
```



```
2. clear
   clc
```

```
close all
t=0:0.001:1
n=-(12*t.^3)+(3*t.^2)+(6.5*t)
plot(t,n)
grid on
grid minor
ylabel('n')
xlabel('t')
```

