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MATRIC NO: 15/ENG01/021

commandwindow

clc

clear

close

syms t

t=0:0.001:1

tn=0:0.001:1

n=3\*exp(4\*t)+2\*exp(-3\*t)-12\*t.^3+3\*t.^2-6.5\*t

ni=12\*exp(4\*t)-6\*exp(-3\*t)-36\*t.^2-6\*t-6.5

plot(t,n,tn,ni)

grid on

grid minor

xlabel('time(hr)')

ylabel('n(kgmol)')

zlabel('n1(kgmol/hr)')



Command window

clc

clear

close

syms x

x=0:0.001:15

y=0.00515\*x.^2-0.00138\*x.^3+0.000135\*x.^4

y=subs(y)

y=double(y)

plot(x,y)

grid on

grid minor

