



```
>> syms t
```

>> xt=t;

>> yt=t^2;

>> zt=t^3;

>> fplot3(xt,yt,zt,[-1, 1])

>> xlabel('x')

>> ylabel('y')

>> zlabel('z')

Anorm = Alb - Atan 2 âx -6tây+12tâz) - (8 +21 - 54 +5 ay + 192 +8 az) Anorm = # (2 - 8 = 2) ax + (-6+ 54 t5) ax + (12 - 192 t8) az 3. PW = (65+1 2t) ax + (6cos 2t) ax + (5t) az 0 = 2 = T 1= 50 9/dt PEJdt = 50 (12 cos 2t +- 12 sin 2t + 5 az) dt The = 1 (12 cos 2t) + (-12 squ 2t) + 52 V1440326+ 144514226+25 1= 50 V144cos2t + 144sin2t +25 dt=40.84 15-10-1016 336 481+3h = W. Con. Oly