```
close all;
clear all;
z=0 (x) -0.0005*x.^3+0.02*x.^2-0.19*x+2;
q=0 (x) -0.06*x.^2-0.13*x+376/125;
p=0 (x) -0.0005*x.^3+0.02*x.^2-0.19*x+1.8;
h=0 (x) 166/25*x-3154/125;
r=0 (x) 25*x;
mallaz=z(4:0.001:25);
mallax=(4:0.001:25);
mallaq=q(0:0.001:4);
mallax 2=(0:0.001:4);
mallap=p(4:0.001:25);
mallax 3=(4:0.001:25);
mallah=h(3.8:0.001:4);
mallax 4=(3.8:0.001:4);
figure (1)
plot(mallax, mallaz,'.-m');
hold on;
plot(mallax 2, mallaq, '.-c');
hold on;
plot (mallax_3, mallap, '.-r');
hold on;
plot(mallax 4, mallah, '.-b');
 figure (2)
   [X3, Y3, Z3] = cylinder (mallaz);
   Z3 = (25-4) * Z3 + 4;
   surf(X3, Y3, Z3);
   hold on;
   [X4,Y4,Z4]=cylinder(mallaq);
   Z4 = (4-0) * Z4 + 0;
   surf(X4,Y4,Z4);
   hold on;
   [X5,Y5,Z5]=cylinder (mallap);
   Z5= (25-4)*Z5+4;
   surf(X5,Y5,Z5);
   hold on;
   [X6, Y6, Z6] = cylinder (mallah);
   Z6=(4-3.8)*Z6+3.8;
```