

LISTA DE EXERCÍCIOS A
PME 3380 – MODELAGEM DE SISTEMAS DINÂMICOS
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Código:

```
teste.sce
1 deff('[y]=test0(x)', 'y=x+x^2+sin(x*2*pi)')
2 deff('[y]=test1(x)', 'y=-x+x^2+x^3')
3 deff('[y]=test2(x)', 'y=sqrt(x)')
4 x=-2:0.5:3;
5 a=1;
6 b=0;
7 t1=(a==1);
8 t2=(b>0.5);
9 if and([t1 t2]) then
10 y=test0(x);
11 elseif or([t1 t2]) then
12 y=test1(x);
13 else
14 y=test2(x);
15 end,
16 plot2d(x,y,-3)
17 set("current_figure",1)
18 xset('mark-size', 2)
19 plot2d(x,y,-3)
20 set("current_figure",2)
21 xset('mark-size', 4)
22 plot2d(x,y,-3)
23 set("current_figure",3)
24 xset('mark-size', 5)
25 plot2d(x,y,-3)
26
```

Imagens:

