



Execução de iniciação:

carregando o ambiente inicial

```
--> exec('E:\POLI - FACULDADE\Modelagem\teste.sci', -1)
```

```
--> teste(0.5*pi)
```

ans =

3.6078962



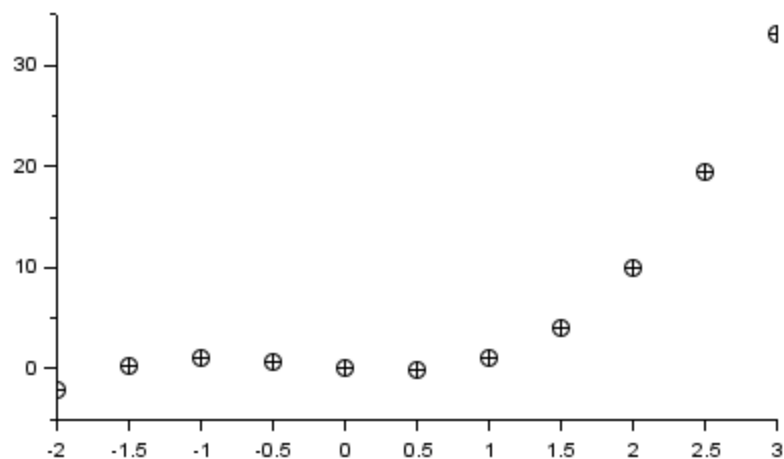
```
1 function [y]=teste(x)
2 y=x+x^2+sin(x*2*pi);
3 endfunction
4
```



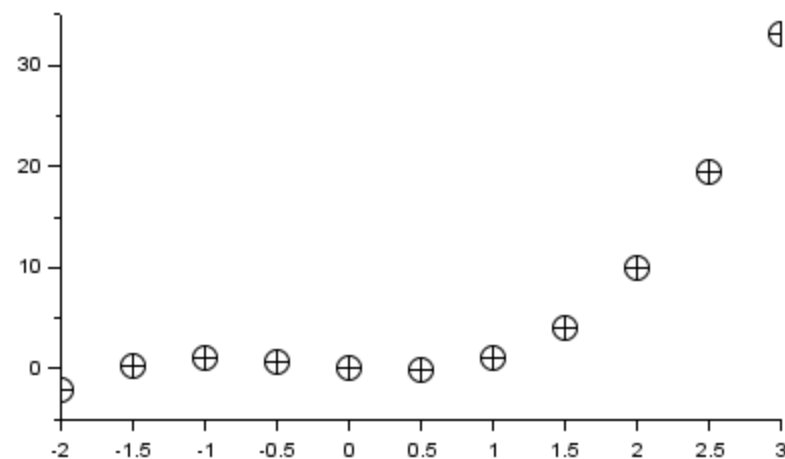
```
1 def('y)=test0(x)', 'y=x+x^2+sin(x*2*pi)')
2 def('y)=test1(x)', 'y=-x+x^2+x^3')
3 def('y)=test2(x)', 'y=sqrt(x)')
4
5 x=-2:0.5:3;
6
7 a=1;
8 b=0;
9 t1=(a==1);
10 t2=(b>0.5);
11
12 if and([t1 t2]) then
13     y=test0(x);
14 elseif or([t1 t2]) then
15     y=test1(x);
16 else
17     y=test2(x);
18 end,
19
20 plot2d(x,y,-3)
21
22 set("current_figure",1)
23 xset('mark-size',-2)
24 plot2d(x,y,-3)
25
26 set("current_figure",2)
27 xset('mark-size',-4)
28 plot2d(x,y,-3)
29
30 set("current_figure",3)
31 xset('mark-size',-5)
32 plot2d(x,y,-3)
33
```



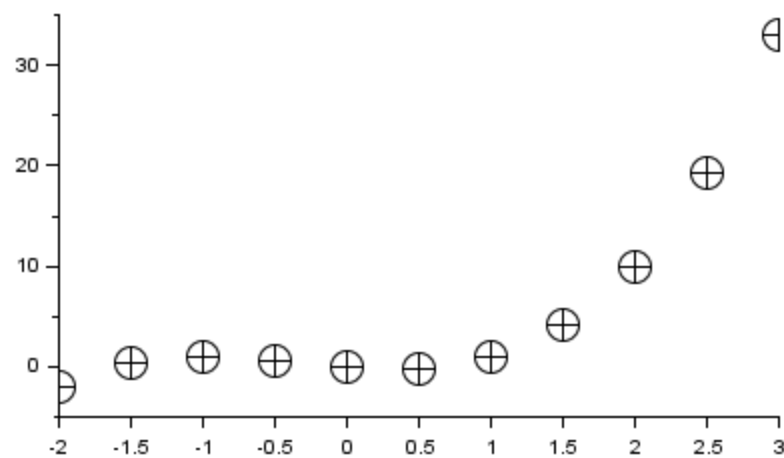
Janela gráfica número 0



Janela gráfica número 1



Janela gráfica número 2



Janela gráfica número 3

