

Relatorio 1 Modelagem - PME3380

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----- Teste.sce -----

```
deff(' [y] = test0(x)', 'y=x+x^2+sin(x*2*%pi)')  
deff(' [y] = test1(x)', 'y=-x+x^2+x^3')  
deff(' [y] = test2(x)', 'y=sqrt(x)')
```

```
x = -2:0.5:3;
```

```
a=1;  
b=0;  
t1 = (a==1);  
t2 = (b>0.5);
```

```
if and([t1 t2]) then  
    y = test0(x);  
elseif or([t1 t2]) then  
    y = test1(x);  
else  
    y= test2(x);
```

```
end,
```

```
plot2d(x,y,-3)
```

```
set("current_figure", 1)  
xset('mark size', 2)  
plot2d(x,y,-3)
```

```
set("current_figure", 2)  
xset('mark size', 4)  
plot2d(x,y,-3)
```

```
set("current_figure", 2)  
xset('mark size', 5)  
plot2d(x,y,-3)
```

```
// Lista A de SCILAB , Modelagem
```

```
//macros
```

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

———— PLOTS ————



