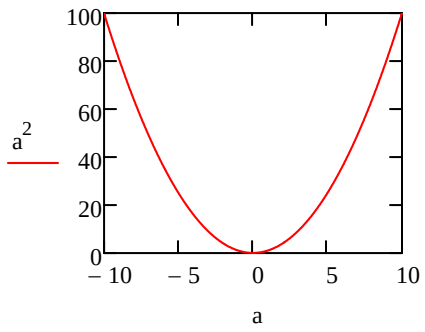
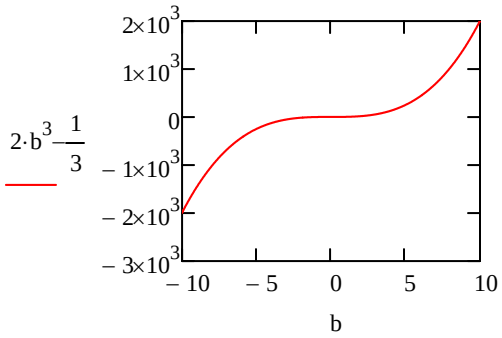
Parte 2

Confecção de gráficos 2D:

Primeira forma:

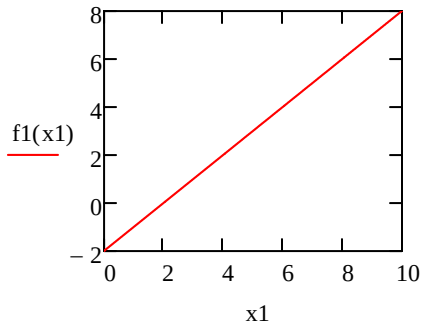


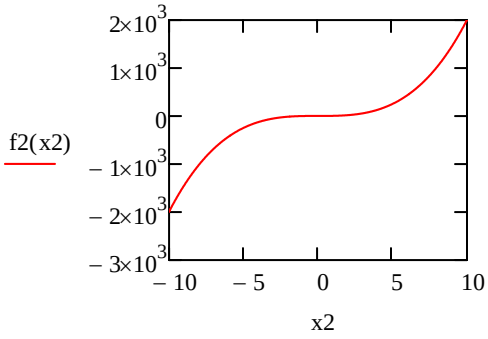


Segunda forma:

f1(x1) := x1 – 2

$f2(x2) := 2 \cdot x2^3 - \frac{1}{3}$





Terceira forma:

É necesário antes entendermos o que é "range", seu incremento padrão e etc.

i := 1 .. 5

i =

1
2
3
4
5

j := 1, 1.1 .. 1.5

j =

1
1.1
1.2
1.3
1.4
1.5

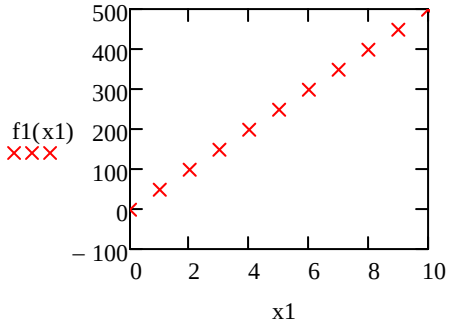
k := 1 .. 2

k =

1
2

Recapitulando as funções:

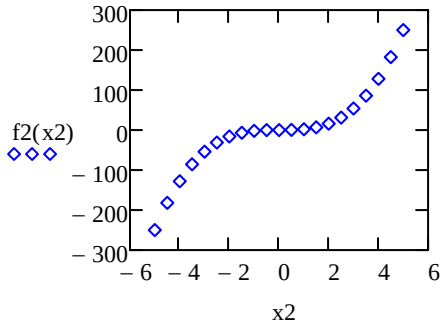
$f1(x1) := 50 \cdot x1 - 2$ $\quad x1 := 0 .. 10$



x1 =

0
1
2
3
4
5
6
7
8
9
10

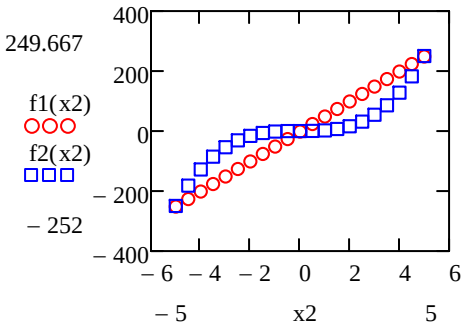
$f2(x2) := 2 \cdot x2^3 - \frac{1}{3}$ $\quad x2 := -5, -4.5 .. 5$



x2 =

-5
-4.5
-4
-3.5
-3
-2.5
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
...

Podemos criar vários plots em um mesmo gráfico:



Confecção de gráficos em 3D:

Nesse meu computador trava...