

x0	2
x1	2.3
um_segmentos	3

h 0.1  
 $y' = 6x - y$

x	y	f(xi)
	euler	
0	0	0
0.1	0	0.01
0.2	0.001	0.040001
0.3	0.005	0.090025001
0.4	0.014	0.160196073
0.5	0.03	0.250901333
0.6	0.0551	0.36303737
0.7	0.0914	0.498356899
0.8	0.1413	0.659952062
0.9	0.2072	0.852951308
1	0.2925	1.085580883
1.1	0.4011	1.370881365
1.2	0.5382	1.729646678
1.3	0.7112	2.195738585
1.4	0.9307	2.82625248
1.5	1.2134	3.722223328
1.6	1.5856	5.074046294
1.7	2.093	7.27056137
1.8	2.82	11.19259855
1.9	3.9393	19.12804555
2	5.8521	38.24706987

$$y_{i+1} = y_i + hf(x_i)$$

c=0

SOLUCION ANALITICA

$x^2+c$

0

0.01

0.04

0.09

0.16

0.25

0.36

0.49

0.64

0.81

1

1.21

1.44

1.69

1.96

2.25

2.56

2.89

3.24

3.61

4



