

Hoja1

x	y (Euler)	y (analytical)	y(eulermejor)	Runge-kutta
0.000000	1.000000	1.000000	1.00000	1.00000
0.400000	1.000000	1.190476	1.16000	1.1906

x	y (Euler)	y (analytical)	y(eulermejor)	Runge-kutta
0.000000	1.000000	1.000000	1.00000	1.00000
0.200000	1.000000	1.041667	1.04000	1.04167
0.400000	1.080000	1.190476	1.18479	1.19050

x	y (Euler)	y (analytical)	y(eulermejor)	Runge-kutta
0.000000	1.000000	1.000000	1.00000	1.00000
0.100000	1.000000	1.010101	1.01000	1.01010
0.200000	1.020000	1.041667	1.04144	1.04167
0.300000	1.061616	1.098901	1.09843	1.09890
0.400000	1.129238	1.190476	1.18946	1.19048

x	y (Euler)	y (analytical)	y(eulermejor)	Runge-kutta
0.000000	1.000000	1.000000	1.00000	1.0000000
0.040000	1.000000	1.001603	1.00160	1.0016026
0.080000	1.003200	1.006441	1.00644	1.0064412
0.120000	1.009641	1.014610	1.01460	1.0146104
0.160000	1.019427	1.026273	1.02626	1.0262726
0.200000	1.032729	1.041667	1.04165	1.0416667
0.240000	1.049794	1.061121	1.06110	1.0611206
0.280000	1.070953	1.085069	1.08503	1.0850695
0.320000	1.096645	1.114082	1.11403	1.1140820
0.360000	1.127432	1.148897	1.14882	1.1488971
0.400000	1.164040	1.190476	1.19036	1.1904763

x	y (Euler)	y (analytical)	y(eulermejor)	Runge-kutta
0.000000	1.000000	1.000000	1.00000	1.0000000
0.020000	1.000000	1.000400	1.00040	1.0004002
0.040000	1.000800	1.001603	1.00160	1.0016026
0.060000	1.002403	1.003613	1.00361	1.0036130
0.080000	1.004814	1.006441	1.00644	1.0064412
0.100000	1.008045	1.010101	1.01010	1.0101010
0.120000	1.012110	1.014610	1.01461	1.0146104
0.140000	1.017027	1.019992	1.01999	1.0199918
0.160000	1.022819	1.026273	1.02627	1.0262726
0.180000	1.029514	1.033485	1.03348	1.0334849
0.200000	1.037146	1.041667	1.04166	1.0416667
0.220000	1.045751	1.050862	1.05086	1.0508617
0.240000	1.055375	1.061121	1.06112	1.0611205
0.260000	1.066067	1.072501	1.07250	1.0725011
0.280000	1.077887	1.085069	1.08506	1.0850694
0.300000	1.090899	1.098901	1.09889	1.0989011
0.320000	1.105180	1.114082	1.11407	1.1140820
0.340000	1.120814	1.130710	1.13070	1.1307101
0.360000	1.137899	1.148897	1.14888	1.1488971

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0.380000	1.156544	1.168770	1.16875	1.1687705
0.400000	1.176876	1.190476	1.19045	1.1904762

x	y (Euler)	y (analytical)	y(eulermejor)	Runge-kutta
0.000000	1.000000	1.000000	1.00000	1.0000000
0.010000	1.000000	1.000100	1.00010	1.0001000
0.020000	1.000200	1.000400	1.00040	1.0004002
0.030000	1.000600	1.000901	1.00090	1.0009008
0.040000	1.001201	1.001603	1.00160	1.0016026
0.050000	1.002003	1.002506	1.00251	1.0025063
0.060000	1.003007	1.003613	1.00361	1.0036130
0.070000	1.004214	1.004924	1.00492	1.0049241
0.080000	1.005626	1.006441	1.00644	1.0064412
0.090000	1.007244	1.008166	1.00817	1.0081661
0.100000	1.009070	1.010101	1.01010	1.0101010
0.110000	1.011107	1.012248	1.01225	1.0122482
0.120000	1.013356	1.014610	1.01461	1.0146104
0.130000	1.015820	1.017191	1.01719	1.0171905
0.140000	1.018503	1.019992	1.01999	1.0199918
0.150000	1.021408	1.023018	1.02302	1.0230179
0.160000	1.024538	1.026273	1.02627	1.0262726
0.170000	1.027896	1.029760	1.02976	1.0297601
0.180000	1.031489	1.033485	1.03348	1.0334849
0.190000	1.035319	1.037452	1.03745	1.0374520
0.200000	1.039392	1.041667	1.04167	1.0416667
0.210000	1.043714	1.046135	1.04613	1.0461345
0.220000	1.048289	1.050862	1.05086	1.0508617
0.230000	1.053124	1.055855	1.05585	1.0558547
0.240000	1.058226	1.061121	1.06112	1.0611205
0.250000	1.063601	1.066667	1.06667	1.0666667
0.260000	1.069257	1.072501	1.07250	1.0725011
0.270000	1.075202	1.078632	1.07863	1.0786323
0.280000	1.081445	1.085069	1.08507	1.0850694
0.290000	1.087995	1.091822	1.09182	1.0918223
0.300000	1.094860	1.098901	1.09890	1.0989011
0.310000	1.102052	1.106317	1.10632	1.1063171
0.320000	1.109583	1.114082	1.11408	1.1140820
0.330000	1.117462	1.122209	1.12221	1.1222085
0.340000	1.125704	1.130710	1.13071	1.1307101
0.350000	1.134321	1.139601	1.13960	1.1396011
0.360000	1.143327	1.148897	1.14889	1.1488971
0.370000	1.152739	1.158614	1.15861	1.1586143
0.380000	1.162572	1.168770	1.16877	1.1687705
0.390000	1.172844	1.179384	1.17938	1.1793844
0.400000	1.183574	1.190476	1.19047	1.1904762