

LaTeX Model 01

—“How do I include tables and figures?”—

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Abstract

In the following examples, we show how to include some floats such as tables and figures in your LaTeX document. Exercise: If written in Portuguese, you must use the words *Março*, *Resumo*, *Tabela* e *Figura* instead of their English counterparts. How can you get this done? Share your knowledge via *Fórum do Estudante*.

1 Inclusão de Tabela

A Tabela 1 foi confeccionada para analisar a convergência do Método de Euler no instante $t = T$ de uma sequência de aproximações numéricas calculadas por este método, $\eta(T, h_n)$, para a solução exata $y(T)$, à medida que usamos passos de integração progressivamente menores, h_n . Esta análise é baseada observando-se o comportamento do valor absoluto do *erro de discretização global*, $|e(T, h_n)| = |y(T) - \eta(T, h_n)|$, reportado na terceira coluna da Tabela 1.

n	$h_n = \frac{(T - t_0)}{n}$	$ e(T, h_n) $	ordem p
128	1.95312e-03	1.30556e-11	————
256	9.76562e-04	1.01275e-11	3.66390e-01
512	4.88281e-04	6.49856e-12	6.40090e-01
1024	2.44141e-04	3.70427e-12	8.10930e-01
2048	1.22070e-04	1.98031e-12	9.03467e-01
4096	6.10352e-05	1.02417e-12	9.51272e-01
8192	3.05176e-05	5.20845e-13	9.75525e-01
16384	1.52588e-05	2.62646e-13	9.87736e-01

Table 1: Método de Euler aplicado ao Problema de Cauchy em $t = T$.

2 Including figures

Peskin received an A.B. (1968) from Harvard University and a Ph.D. (1972) from the Albert Einstein College of Medicine, Yeshiva University and shortly

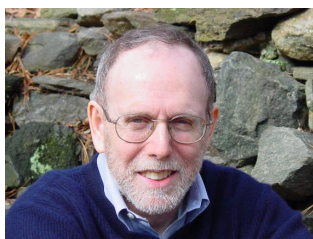


Figure 1: Peskin and his 3D heart model.

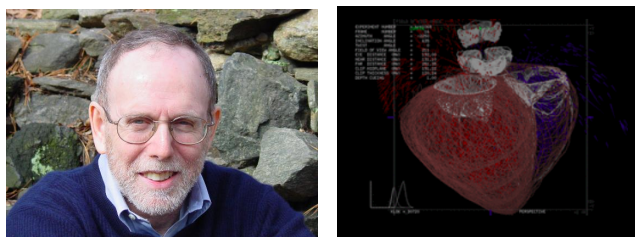


Figure 2: Peskin and his 3D heart model.

thereafter joined the faculty of the Courant Institute of Mathematical Sciences, New York University. Figures 1, 2, and 3 show how figures are inserted in the text (find out how to make it write “Figura”)

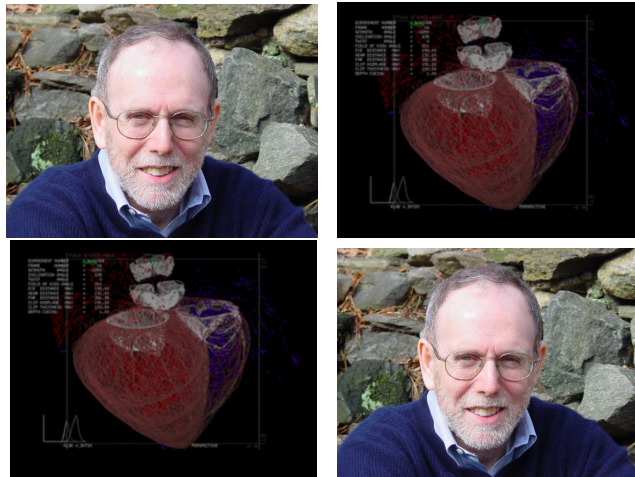


Figure 3: Peskin and his 3D heart model.