

My Sample L^AT_EX Document

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July 14, 2005

I typed this file with a plain text editor. (I used **pico** and **emacs**.) End of paragraph.

This is my second paragraph. The area of a circle is πr^2 ; again, that is πr^2 . My score on the last exam¹ was 95 ± 5 .

1 Formulae; inline vs. displayed

I insert an inline formula by surrounding it with a pair of single \$ symbols; what is $x = 3 \times 5$? For a *displayed* formula, use double-\$ before and after — include no blank lines!

$$\mu^{\alpha+3} + (\alpha^\beta + \theta_\gamma + \delta + \zeta)$$

1.1 Numbered formulae

Use the *equation* environment to get numbered formulae, e.g.,

$$y_{i+1} = x_{i, , , ,}^{2n} - \sqrt{5}x_{i-1}^n + \sqrt{x_{i-2}^7} - 1 \quad (1)$$

$$\frac{\partial u}{\partial t} + \nabla^4 u + \nabla^2 u + \frac{1}{2}|\nabla u|^2 = c^2 \quad (2)$$

2 Acknowledgments

Thanks to my buddies Æschylus and Chloë, who helped me define the macro `\piRsquare` which is πr^2 . The end.

¹May 23