

19 September 2006.

A Sample of Tex Commands

Can you write subscripts and tildes and such? Yes. Write x_i and \tilde{y} and \bar{z} and \underline{w} and $\hat{\beta}$.

Now for an equation:

$$f(x) = x^2 + \frac{367}{x^5} + \alpha \quad (1)$$

Equation (1) is simple. We could set $\alpha = 100$. How about this inequality with no equation number?¹

$$y > \log(x) - \Gamma(x) + \int_0^{24n} f(x)dx$$

Let's put some text here. *And let's italicize a sentence.*

Table 1 is below.

Table 1: Some Numbers

	Size	Shape
Ball	23	round
House	4577	square

You should have some real fun too. How about this?

$$f(x) = \frac{\alpha^\beta [\gamma^{x^2} + \log(\aleph x)]}{\frac{\sqrt{x+345678}}{x-\hat{\Theta}} + \epsilon} \quad (2)$$

¹Footnotes are easy too.