

This is a *very* simple document. This is something written in *math mode*. It's used for in-line equations such as $E = mc^2$. The displayed formula mode is for things like

$$I = I_0 e^{\frac{eV}{kT}}$$

and so on. If we want numbers for our equations, we can use

$$F = ma \tag{1}$$

and then use the number, such as Equation 1 in the text.