

As a first exercise, type your own name here, with all the special symbols used in your language¹ : Mikus Dániel

In this document I loaded the corresponding packages for special characters. In this text I used various font shapes like **bold**, *italic* and small capital characters, and the font size is set to various values.

The compilation should be done till a pdf file is achieved.

Text can be emphasized in various ways in L^AT_EX.

I can even define new commands. For example, if I frequently use partial derivatives, I can create a command `\pdiff{ }{ }` that takes two arguments and creates the partial derivative $\frac{\partial f(x,y)}{\partial x}$ or

$$\frac{\partial func(var1, var2)}{\partial var1}$$

It is possible to cross-reference equations correctly; for example, “equation (1) is defined as

$$\sigma(\nu) = const \cdot \frac{c}{\nu_0} \left(\frac{M}{2\pi h T} \right) \exp \left\{ -\frac{M c^2}{2 k_b T} \frac{(\nu - \nu_0)^2}{\nu_0^2} \right\}, \quad (1)$$

where T is...”

¹In my case it is Mikus Dániel, that is, is contains an á letter