

You first task is to type your own name here, with all the special symbols used in your language: Mikus Dániel

At the end of this document you can find a References section; I refer to its elements?:[1, 2].

While editing a document, you may find that you need to typeset something as a footnote ¹ or as a "margin-note" or even as a note at the end of as this your document For the latter one you will need to use a package. one

And, as usual, you can find a beautiful equation (1) on page 1 (use correct cross-referencing):

$$\left(\exists 0 \leq p_k \leq 1, |\psi_k\rangle \text{ is separable, } \sum_k p_k = 1 \right) \rho = \sum_k p_k |\psi\rangle\langle\psi_k| \quad (1)$$

References

- [1] J.R.R. Tolkien: *The Lord of the Rings*. Mariner Books; Anniversary Edition (2012).
- [2] The Harvard Lampoon: *Bored of the Rings: A parody*. Touchstone (2012) ISBN-10: 1451672667

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