

Demonstration of capabilities of tex2word and tex2docx

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1 General Text formatting

1.1 Playing around with bold and italic

Normally formatted text looks like this. ¹ **Common text formatting is supported, just as you would expect. *Nested bold and italic works as well.*** Note that the width of a line is larger in Word than in the default LaTeX uses.

1.2 A normal paragraph again

New paragraphs are back to the default. Since every kind of text formatting has to be manually added to the xslt files, just contact me (l.kohlhasse@jacobs-university.de) if your text formatting doesn't work.

2 mathematics

All kinds of mathematics is able to be displayed.

Inline math works, $a^2 + b^2 = c^2$, but as in TeX be careful with the bigger ones, they might look weird $\sum_{k=0}^{\infty} \frac{x^k}{k!} = e$

Note that the limits of the sum are not at the correct places, even though I used `\limits`.

Display math:

$$\sum_{k=0}^{\infty} \frac{x^k}{k!} = e$$

And everything looks proper again. However there are still some slight differences that are inherent to the different ways of representing math.

Equations look like this

$$a^2 + b^2 = c^2 \tag{1}$$

¹Footnotes are also possible. **Markup in footnotes works as well**

The align environment looks like this:

$$a^2 + b^2 = c^2 \qquad \qquad \qquad = \frac{E}{m} \qquad (2)$$

$$\qquad \qquad \qquad = 26 \qquad \qquad \qquad = 123 \qquad (3)$$

3 pictures

4 references