A Template for LaTeX to Word Conversion with pandoc

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Showing an example of converting a LaTeX manuscript to Word, using `pandoc` and `pandoc-crossref`

Introduction

Here goes your writing

Test test α Δ ·×<

A chemical formula^{superscript}, defined with a macro in the preamble in case we have to write it more than once: Λ-[Co(en)$_3$]$^{3+}$, or Lambda-tris-ethylenediamine-cobalt(III)

A literature citation[1], and another one[2]

An equation:

$$D = \mathbf{d} \cdot \mathbf{d} \quad ; \quad R = \mathrm{Im}[\mathbf{d} \cdot \mathbf{m}^*] \qquad (1)$$

Results and Discussion

Looks OK so far. Reference to Equation ([eq:dip-rot-strength]) here.

Conclusions

It works for the most part. Automatic equation numbering in the Word output does not seem to work yet, or I'm using the pandoc-crossref filter incorrectly. Let me know if you have an idea how to get this to work. For the time being, we will have to update equation-references manually in the Word output, which is relatively easy if you use descriptive labels.

(1) Autschbach, J.; Ziegler, T. Nuclear Spin-Spin Coupling Constants from Regular Approximate Relativistic Density Functional Calculations. I. Formalism and Scalar Relativistic Results for Heavy Metal Compounds. *J. Chem. Phys.* **2000**, *113* (3), 936–947.

(2) Autschbach, J.; Ziegler, T. Nuclear Spin-Spin Coupling Constants from Regular Approximate Relativistic Density Functional Calculations. II. Spin-Orbit Coupling Effects and Anisotropies. *J. Chem. Phys.* **2000**, *113* (3), 9410–9418.