minimalthesis Minimal-Working-Example (v0.0.2-alpha3)



Dissertation To obtain the Academic Degree "Philosophical Doctor (PhD)"

handed in by
MAX MUSTERMANN
born in Munich

University of Beteigeuze, Institute for Experimental Physics, Nanolab University of Jupiter, Institute for Chemistry, Synthesis Lab

December 18, 2023

Examination Committee:

Chairman: Prof. Habakuk Tibatong
1. Reviewer: Prof. Hans Bartolomä
2. Reviewer: Prof. Louis Murphy
Additional Examiner: Prof. Stefan Boltzmann

Contents

1	Test	s																5
	1.1	Citatio	ns				 											5
	1.2	Floats					 											5
			ce															
		1.3.1	Mathematic	s .			 											6
		1.3.2	Chemistry				 											6
Bi	blioa	raphy																7

1 Tests

1.1 Citations

The numeric citation works: [1] and [2] and [3] and [4].

1.2 Floats



Figure 1.1: Inclusion of the minimalthesis logo, to check the functionality of float environments.

1.3 Science

1.3.1 Mathematics

Examples for equations with many derivatives and integrals.

$$c\frac{\partial f}{\partial x},\quad \frac{\mathrm{d}Q}{\mathrm{d}t}=\frac{\mathrm{d}s}{\mathrm{d}t},\quad \frac{\partial^2 f}{\partial x\,\partial y},\quad \frac{\mathrm{d}y}{\mathrm{d}x},\quad \frac{\mathrm{d}^n y}{\mathrm{d}x^n},\quad \frac{\mathrm{d}}{\mathrm{d}x}\frac{\mathrm{d}y}{\mathrm{d}x},\quad \frac{\partial^{kn+2a+c-b}f}{\partial x^{c+kn}\,\partial y^{-b+2a}}$$

And a simple integral.

$$T = \int_0^\infty t \, dt, \quad V = \int_a^b r \, d^3r = \int_a^b r \, dx \, dy \, dz$$

1.3.2 Chemistry

$$Fe^{II}Fe^{III}_2O_4$$

 $CO_2 + C \longrightarrow 2CO$

Bibliography

- [1] H. Tibatong: *The first Single Author Paper*, 1969.
- [2] H. Tibatong, H. Bartolomä: The first Tibatong et Bartolomä Paper of the Year, 1969.
- [3] H. Tibatong, H. Bartolomä, L. Murphy: *The first Tibatong, Bartolomä et Murphy Paper of the Year*, 1969.
- [4] H. Tibatong, H. Bartolomä: *The second Tibatong et Bartolomä Paper of the Year*, 1969.