

Proposing a Classification for Aeronautics, Astronautics and Aerospace Sciences

Task for a *Bachelor Thesis*

Background

[Classifications](#) are the heart of science and go back to [Aristotle](#). A term more general is [taxonomy](#). "Taxonomy is the practice and science of categorization or classification" "especially [as] a hierarchical classification, in which things are organized into groups or types." "Among other things, a taxonomy can be used to organize and index knowledge (stored as documents, ...), such as in the form of a library classification system." What is a Classification (German: [Klassifikation](#))? Examples of classifications are [DDC](#) (German), [ICD-11](#), and other standard classifications. For the task here, please have a look at this [Aerospace Classification](#) (written by myself). Please consider "Dimension 1: Classification – Aeronautics, Astronautics, Aerospace Sciences" on that page. This is my favorite so far. What other classifications exist in our field of Aerospace (Aeronautics, Astronautics, and Aerospace Sciences)? What are merits and deficiencies of existing approaches to an aerospace classification? Does a (published) suitable classification already exist in aerospace?

Task

Task of this Bachelor Thesis is 1.) to check my proposed aerospace classification in light of [DIN 32705](#), 2.) to improve it as far as necessary, 3.) to present the improved aerospace classification, and 4.) to consider, if there are other applications for such an aerospace classification apart from the publishing industry. The thesis could be structured like this:

- Classification Fundamentals
- Classifications in Aerospace
- Towards a New Aerospace Classification
- Documentation of the Aerospace Classification (DIN 32705)
- Online Versions of the Aerospace Classification
- Usage of the Aerospace Classification
- Other Dimensions of Categorization in Aerospace

The report has to be written in English based on German or international standards on report writing.