IAA MULTILINGUAL ASTRONAUTICAL TERMINOLOGY SYMPOSIUM (E8)
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THE LANGUAGE OF ASTRODYNAMICS RESEARCH ARTICLES

Abstract

In the developed domain of science language analysis, the lexical landscape of astrodynamics remains largely unexplored, despite the role of astrodynamics, as it is a core element in the design of any space mission. Comprehensive analysis of the astrodynamics article features is still lacking. The study proposes some steps to start filling this gap.

The study is rooted in the author's pedagogical experience in teaching an academic English course for Russian-speaking students, which tends to be field-specific and requires discipline-specific materials. One of effective instruments is specialized corpora. A brief overview on some applicable corpus linguistics methods, as well as problems for future research, are brought to the discussion. To formulate perspective hypotheses and outline future work, a set of astrodynamics papers from among the influential journals in this field, e.g. Acta Astronautica, Advances in Space Research, AIAA Journal etc., has been studied.