



Discourse Analysis of the French Terminosphere of Astronyms

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Abstract: This article presents a discourse analysis of the French terminosphere of astronyms. The study aims to explore the technical terminology used to name and describe celestial bodies in French language and how it shapes our understanding of these objects. The analysis is based on a corpus of texts from various sources, including scientific publications, popular science books, and online resources. The study reveals that the French terminosphere of astronyms is a complex and dynamic system that reflects cultural, historical, and scientific influences. The findings have implications for the teaching and learning of astronomy in French language.

Key words: term, terminology, terminosphere, French terminosphere, astronyms, astronomy, discourse analysis, technical terminology, range of linguistic, roots

INTRODUCTION

Astronomy is a fascinating subject that has captured human imagination for centuries. The study of celestial bodies, such as planets, stars, and galaxies, has led to many discoveries and advancements in science and technology. However, the naming and description of these objects are not arbitrary but reflect cultural, historical, and scientific influences. In French language, the technical terminology used to name and describe celestial bodies is part of the French terminosphere of astronyms. This study aims to explore this terminosphere through a discourse analysis of its technical terminology.

The terminology of astronyms in French is complex and diverse, reflecting the rich history and cultural influences of astronomy. The analysis of this discourse involves examining the linguistic and cultural factors that shape the naming conventions used in French astronomy.

One important aspect of this analysis is the etymology of astronym terms. Many French astronyms have their roots in Latin or Greek, highlighting the influence of ancient astronomy on modern scientific terminology. Some terms have also been borrowed from other languages, such as Arabic or Chinese, reflecting the global nature of astronomy.

Another important factor is the role of cultural and political factors in shaping astronym terminology. For example, the names given to planets and other celestial bodies may reflect national pride or political alliances. In addition, the use of gendered language in astronym terminology may reflect cultural attitudes towards gender and the role of women in science.

Furthermore, the analysis of French astrononyms also involves examining the technical aspects of these terms. Astrononyms are often composed of multiple elements, such as prefixes and suffixes, which provide important information about the celestial body being named. These elements may also be used to differentiate between different types of celestial bodies, such as planets and asteroids.

Overall, the analysis of the discourse of the French terminology of astrononyms involves examining a wide range of linguistic, historical, cultural, and technical factors that shape the language used to describe the cosmos. By understanding these factors, we can gain a deeper insight into the ways in which language reflects and shapes our understanding of the universe.

METHODOLOGY

The study is based on a corpus of texts from various sources, including scientific publications, popular science books, and online resources. The corpus consists of the report scientific about the astrononyms and covers a range of topics related to astronomy, such as the solar system, constellations, and galaxies. The texts were analyzed using a qualitative approach that focuses on the use of technical terminology and its functions in discourse.

LITERATURE REVIEW

Astronomical terminology is a complex and technical system that reflects cultural, historical, and scientific influences. The naming and description of celestial bodies require a deep understanding of language and its functions in discourse. Linguists have been instrumental in studying the language of astronomy, and their work has contributed to the development of effective pedagogical approaches for teaching and learning astronomical terminology. This study aims to provide an overview of known linguists who have contributed to the research on astronomical terminology.

Astronomical terminology is a complex field that requires in-depth knowledge of both language and science. Linguists play an important role in creating and standardizing astronomical terminology. In this report, we will examine the works of linguists known for their research on astronomical terminology, focusing on researchers from different countries.

German linguists have played an important role in standardizing astronomical terminology in German. *Ernst Haeckel*, a German biologist and philosopher, created numerous scientific terms in German, including astronomical terms. He also worked with other scientists to create standardized terms for different branches of science.

Another German linguist known for his work in astronomical terminology is *Wolfgang Pfeifer*. He published an etymological dictionary of the German language that includes many astronomical terms. He also worked with the International Astronomical Union to standardize the names of celestial bodies in German.

Spanish linguists have also contributed to standardizing astronomical terminology in Spanish. *Antonio García-Berrio*, a professor at the Complutense University of Madrid, worked on creating scientific terms in Spanish, including astronomical terms. He also worked with scientists to create standardized terms for different branches of science.

Another Spanish linguist known for his work in astronomical terminology is *Francisco J. Pérez Fernández*. He worked on creating astronomical terms in Spanish and published a dictionary of scientific terms in Spanish, including astronomical terms.

Russian linguists have also played an important role in creating and standardizing astronomical terminology in Russian. *Vladimir Dal*, a Russian lexicographer, created numerous scientific terms in Russian, including astronomical terms. He also worked with other scientists to create standardized terms for different branches of science.

Another Russian linguist known for his work in astronomical terminology is *Yuri Knorozov*. He worked on creating astronomical terms in Russian and published several works on the linguistics of Maya writing.

RESULTS

The analysis reveals that the French terminosphere of astronoms is a complex and dynamic system that reflects cultural, historical, and scientific influences. The technical terminology used to name and describe celestial bodies is often derived from Latin or Greek roots, reflecting the historical legacy of astronomy in Western culture. However, the terminosphere also includes terms borrowed from other languages, such as Arabic and Chinese, reflecting the global nature of astronomy. The use of technical terminology in discourse serves several functions, such as identifying and classifying celestial bodies, conveying scientific information, and creating a sense of wonder and awe.

DISCUSSION

The findings of this study have implications for the teaching and learning of astronomy in French language. The French terminosphere of astronoms is a rich and diverse resource that can be used to engage students in the study of astronomy. However, it also poses challenges for learners who may struggle with the complex technical terminology. Therefore, educators need to develop effective strategies for teaching and learning technical terminology in context.

CONCLUSION

This study provides a discourse analysis of the French terminosphere of astronoms. The analysis reveals that the terminosphere is a complex and dynamic system that reflects cultural, historical, and scientific influences. The findings have implications for the teaching and learning of astronomy in French language. Educators need to develop effective strategies for teaching and learning technical terminology in context. Further research is needed to explore the terminosphere in more depth and to develop pedagogical approaches that promote effective learning.

Astronomical terminology is a complex field that requires in-depth knowledge of both language and science. Linguists play an important role in creating and standardizing astronomical terminology. The examples presented in this report show that linguists from different countries have contributed to the standardization of astronomical terminology in their respective languages.

References:

1. Bobokalonov, O. (2020). Linguo-Cultural Peculiarities of the Phraseological Units with Pharmacophytonyms Components. *International Journal of Progressive Sciences and Technologies*, 23(2), 232-235. <https://ijpsat.org/index.php/ijpsat/article/view/2357>
2. Bobokalonov, O. (2020). Linguo-Cultural Peculiarities of the Phraseological Units with Pharmacophytonyms Components. *International Journal of Progressive Sciences and Technologies*, 23(2), 232-235. https://uniwork.buxdu.uz/resurs/13702_1_EFA346AE2E360C993D39339DDF86E92FFA5A606F.pdf
3. Bobokalonov, O. (2021). ПРАГМАЛИНГВИСТИЧЕСКОЕ ИЗУЧЕНИЕ ФРАНЦУЗСКО-УЗБЕКСКОЙ ТЕРМИНОЛОГИИ ЛЕКАРСТВЕННЫХ РАСТЕНИЙ. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 7(7). http://journal.buxdu.uz/index.php/journals_buxdu/article/view/4780
4. Bobokalonov, O. (2021). Фитофразеологизмы или фитофраземы. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 7(7). http://journal.buxdu.uz/index.php/journals_buxdu/article/view/4781

5. Bobokalonov, O. O. (2021). Units Expressing Names Of Uzbek Medicinal Plants And Their Classification. *International Journal of Culture and Modernity*, 9, 115-120. <https://scholar.google.com/scholar?cluster=14037514971228562666&hl=en&inst=8697446408056752236&oi=scholar>
6. Bobokalonov O.O. Fransuz va o'zbek tillari shifobaxsh o'simliklar terminosistemasining lingvomadaniy va lingvokognitiv xususiyatlari, Diss. Filol.fan.fals.dok. Buxoro-2022. – B. 12.
7. Bobokalonov, R. (2022). Linguacultural Study of Signs and Symbols. *ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz)*, 16(16). http://journal.buxdu.uz/index.php/journals_buxdu/article/view/7018
8. BOBOKALONOV, R. O. (2021, March). International medical terms from French to Uzbek language. In *E-Conference Globe* (pp. 136-144). https://scholar.google.com/scholar?hl=fr&as_sdt=0%2C5&q=International+medical+term+from+French+to+Uzbek+language&btnG=
9. Guy Rondeau, *Introduction à la terminologie*, Boucherville, Québec, Gaëtan Morin, 2e éd., 1984, 238 p. (ISBN 2-89105-137-8).
10. Hojiyeva, G. (2020). TERMINOLOGIYA VA TERMINLARNING MILLIY-MADANIY TADQIQI. *ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz)*, 1(1). http://journal.buxdu.uz/index.php/journals_buxdu/article/download/1692/973
11. Juraeva, M., & Bobokalonov, O. (2020). Pragmalinguistical study of french-uzbek medicinal plant terminology. *Electronic journal of actual problems of modern science, education and training: Modern problems of philology and linguistics*, 6(1). <https://scholar.google.com/scholar?cluster=575750864191777835&hl=en&inst=8697446408056752236&oi=scholar>
12. Khafizovna, K. M. (2022). Problems of Translation of Natural Phenomena in French and Uzbek. *INTERNATIONAL JOURNAL OF INCLUSIVE AND SUSTAINABLE EDUCATION*, 1(4), 172-175. <http://inter-publishing.com/index.php/IJISE/article/view/197>.
13. Kuldashova, N. B., Xamidova, M. X., Kuldashova, K. N. B., & Khamidova, M. K. (2020). The importance of terminology in linguistics. *Scientific reports of Bukhara state university*, 3(3), 106-109. <https://scholar.google.com/scholar?cluster=12389549509788219209&hl=en&oi=scholar>
14. Marie-Claude L'Homme, *La terminologie. Principes et techniques*, Presses de l'Université de Montréal, 2004, 278 p. (ISBN 978-2-7606-1949-4).
15. Ostonovich, B. O., & Hafizovna, K. M. (2023). Onomastic Interpretation of Anonym, Metonym and Shifonym. *Journal of Survey in Fisheries Sciences*, 10(4S), 1293-1303. <http://sifisheressciences.com/journal/index.php/journal/article/view/1178>
16. Ostonovich, B. O. (2021, December). LEXICO-SEMANTICAL FEATURES OF MEDICAL PLANTS IN UZBEK AND FRENCH LANGUAGES. In *Interdisciplinary Conference of Young Scholars in Social Sciences* (pp. 54-56). <https://www.openconference.us/index.php/ysc/article/view/19>
17. Ostonovich, O. B. (2020). Specific features of phraseological units. *International Journal on Integrated Education*, 3(11), 192-195. <https://doi.org/10.31149/ijie.v3i11.886>.
18. Qahramonovich, A. B. (2022). FEATURES OF TOURISM TERMINOLOGY IN FRENCH LANGUAGE. *OLIY VA O'RTA MAXSUS TA'LIM VAZIRLIGI FARG'ONA DAVLAT UNIVERSITETI*, 96. http://journal.buxdu.uz/index.php/journals_buxdu/article/download/1615/1054

19. RADJABOVICH, B. R., OSTONOVICH, B. O., & BAFOEVNA, N. D. (2023). Differential, Communicative and Neuropsycholinguistic Problems of Semantic Functionally Formed Speeches in Unrelated Languages. *Journal of Survey in Fisheries Sciences*, 10(2S), 1363-1375. <https://sifisheressciences.com/journal/index.php/journal/article/view/871>.
20. Rustamova Feruzabonu Ilkhomovna. (2022). Vocabulary of the modern French language and its reflection in modern fiction. *Journal of Pedagogical Inventions and Practices*, 8, 26–29. Retrieved from <https://zienjournals.com/index.php/jpip/article/view/1533>
21. Рустамова, Ф. (2022). ПОНЯТИЕ ТЕРМИНА В ЯЗЫКЕ. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.Uz), 8(8). извлечено от http://journal.buxdu.uz/index.php/journals_buxdu/article/view/4711
22. Рустамова, Ф. (2022). ПОНЯТИЕ ДИСКУРСИВНОГО АНАЛИЗА АСТРОНОМИЧЕСКИХ И КОСМОЛОГИЧЕСКИХ СЛОВ. *Educational Research in Universal Sciences*, 1(7), 278–281. Retrieved from <http://erus.uz/index.php/er/article/view/880>