

# NETHERLANDS

INTELLECTUAL EDUCATION
TECHNOLOGICAL SOLUTIONS
AND INNOVATIVE DIGITAL TOOLS











# INTELLECTUAL EDUCATION TECHNOLOGICAL SOLUTIONS AND INNOVATIVE DIGITAL TOOLS

International scientific-online conference

Part 24

FEBRUARY 3rd

COLLETIONS OF SCIENTIFIC WORKS

AMSTERDAM 2024





INTELLECTUAL EDUCATION TECHNOLOGICAL SOLUTIONS AND INNOVATIVE DIGITAL TOOLS: a collection of scientific works of the International scientific online conference (3<sup>rd</sup> February, 2024) – Netherlands, Amsterdam: "CESS", 2024. Part 24–298p.

#### Chief editor:

Candra Zonyfar - PhD Universitas Buana Perjuangan Karawang, Indonesia Sunmoon University, South Korea.

#### **Editorial board:**

Martha Merrill - PhD Kent State University, USA David Pearce - ScD Washington, D.C., USA Emma Sabzalieva - PhD Toronto, Canada

Languages of publication: русский, english, казақша, o'zbek, limba română, кыргыз тили, Հшյերեն....

The collection consists of scientific researches of scientists, graduate students and students who took part in the International Scientific online conference.

"INTELLECTUAL EDUCATION TECHNOLOGICAL SOLUTIONS AND INNOVATIVE DIGITAL TOOLS". Which took place in Amsterdam on February 3<sup>rd</sup>, 2024.

Conference proceedings are recommended for scientists and teachers in higher education establishments. They can be used in education, including the process of post - graduate teaching, preparation for obtain bachelors' and masters' degrees. The review of all articles was accomplished by experts, materials are according to authors copyright. The authors are responsible for content, researches results and errors.

© "CESS", 2024 © Authors, 2024





Мирзаева Малика Нурматовна	
МИСТИКА И ТАЙНЫ В РОМАНЕ М. БУЛГАКОВА «МАСТЕР И	
МАРГАРИТА»	
Ochilova Nigora Mallayevna	264
Eshmatova Go'zaloy Ziyoyidin qizi	
BOʻLAJAK BOSHLANGʻICH SINF OʻQITUVCHILARINING KREATIVLIGINI	
RIVOJLANTIRISHNING NAZARIY ASOSLARI	
Shukurova Madina Askarovna	267
MODERN LINGUISTICS AND A GENERAL OVERVIEW OF THE PROBLEM	
OF TERMINOLOGY	
O.R.Avezov	274
Ummatqulova Mohigul Umarqul qizi	
EKSTREMAL VAZIYATLARDA SHAXSGA PSIXOLOGIK YORDAM	
KO'RSATISH	
Eshchanova Gulchehra Sheribbayevna	279
ODDIY XOS QIYMATLARGA MOS KELUVCHI MOSLANGAN MANBALI	
MODIFITSIRLANGAN KORTEVEG-DE FRIZ (MKDF) TENGLAMASINI	
INTEGRALLASH	
Turdimuratov Bobomurod Ulugʻbek oʻgʻli	286
TIJORAT BANKLARIDA BUXGALTERIYA HISOBINI YURITISH VA	
TASHKIL QILISH	
H.B.Shoymardonova	289
HISTORICAL APPROACHES TO THE USE OF UZBEK FOLK PEDAGOGY	
IN TEACHING ECONOMIC SUBJECTS	
Qorayeva Laylo Xazratkul qizi	295
BOSHQARUV PSIXOLOGIYASIGA DOIR IJTIMOIY-PSIXOLOGIK	
YONDASHUVLAR	





# MODERN LINGUISTICS AND A GENERAL OVERVIEW OF THE PROBLEM OF TERMINOLOGY

#### Shukurova Madina Askarovna

Doctor of philosophy in philological sciences, Associate professor of English linguistics department

**Abstract:** The article examines modern linguistics and provides a general overview of the problem of terminology

**Key words:** phonetics, morphology, term, structure, semantic-syntactical parameters, word combination, prepositions, parts of speech, lexicography, lexical meaning, semantics, feature, principle, science, language, philosophy, lexical system.

**Annotatsiya:** Maqolada zamonaviy tilshunoslik koʻrib chiqilgan va terminologiya muammosi haqida umumiy ma'lumot berilgan

**Kalit soʻzlar:** fonetika, morfologiya, atama, tuzilish, semantik-sintaktik parametrlar, soʻz birikmasi, predloglar, nutq qismlari, leksikografiya, leksik ma'no, semantika, xususiyat, tamoyil, fan, til, falsafa, leksik tizim.

**Аннотация:** В статье рассматривается современная лингвистика и дается общий обзор проблемы терминологии

**Ключевые слова:** фонетика, морфология, термин, структура, семантико-синтаксические параметры, словосочетание, предлоги, части речи, лексикография, лексическое значение, семантика, признак, принцип, наука, язык, философия, лексическая система.

In the works of most domestic and foreign linguists of recent decades, it is noteworthy that the development of terminology in them is associated with the reflection of not only scientific and technical, but also social, linguistic, cultural and cultural aspects of the development of society. Therefore, those varieties of terminological vocabulary, where the terminologization of words and phrases of the general literary language is most clearly traced, seem to be very interesting for research. Such terminology is peculiar, first of all, to the humanities. It allows the researcher to trace how lexical units denoting well-known phenomena acquire a new component of meaning, and, accordingly, move into the system of linguistic expressions of this science. And philosophy, as you know, studies the most general patterns of the development of nature and society, which are often traced in connection with phenomena and events of everyday life. Therefore, philosophical terminology, where the terminology of ethics is included as one of the main





components, is precisely the language material in which the connection between scientific vocabulary and general language vocabulary is most clearly highlighted. Optimally accurate sampling of data at a certain cross-section of language development allows the method of synchronous analysis. It should be noted that semantic changes are not necessarily accompanied by transformations of the formal structure of linguistic units (affixation, word composition, etc.).

The first publications in the field of terminology were primarily devoted to the problems of ordering technical terminology, but today terminology has become a separate field of linguistics, which deals with a wide range of practical issues, including lexicographic systematization, information retrieval, automatic translation and normalization issues, since they relate to the most mobile and receptive parts of the lexicon. As a result, a fundamental study was prepared offering an overview of the current state and future prospects of terminology development, highlighting key theoretical and methodological issues related to the organization, standardization and unification of terminology, as well as the creation of dictionaries in the context of bilingualism and multilingualism.

A semantic shift can change the status of a word, turning it from a unit of general literary vocabulary into a terminological unit without changing the morphological structure (shell). This reflects one of the patterns of language development. The content changes faster than the form, and the latter, in the words of E.Sapir, "lives longer than the content contained in it." Both the form and the content, E. Sapir notes, are constantly changing, but in general the form tends to maintain its original state, while the content has "disappeared or changed."

The synchronous analysis approach requires optimally accurate data sampling at a certain stage of language development. However, it becomes especially important to track changes that are affected by the passage of time in order to build some general patterns. "This largely belongs to the semantic field, and, as M.A. Halliday shrewdly noted, it can be difficult to distinguish intra-linguistic changes from socially conditioned ones." It is extremely important to keep this statement in mind when we analyze the lexicon of ethics, which is particularly weak socially and ideologically. The diachronic analysis approach is usually used to analyze the development of the lexical system, because, according to A. Meye, "It is impossible to observe the changes themselves; only their consequences can be seen. Therefore, the only way is to track the development of languages and to track the evolution of languages is only possible by comparing the results."





This pattern is of great importance for linguistic research when comparing structural changes in form and content in order to identify the source of transformations. The reasons for such changes are diverse. For example, S. Ullmann points out four main: 1) linguistic and 2) historical, including: a) change of objects; b) change of public institutions; c) change of ideas; d) change of scientific concepts; 3) social and 4) psychological, including: a) emotional; b) the effects of taboos<sup>16</sup>.

According to the methodology of modern linguistics, this scheme needs to be somewhat rebuilt, bringing to the fore historical factors reflecting the essence and basic laws of social development. Then there are the social factors in which these laws receive concrete implementation. In the third place are psychological factors that fix the results of the laws of social development in a particular area, in particular, in the process of communication. And finally, the fourth stage is the specific linguistic implementation of all the above patterns. All this fully applies to terminological vocabulary. For example, the development and spread of the English language in the XV-XVII centuries to those areas of scientific and philosophical literature in which Latin previously dominated, - V.N. Yartseva notes, - posed with all acuteness the problem of terminology and in general the problem of replenishing the vocabulary of the English language <sup>17</sup>.

The needs of social development determine the evolution of a particular terminology. T. Savory, for example, believes that scientific vocabulary does not change meanings over the centuries, explaining this by the stability of scientific vocabulary in form and function, which allows knowledge to be transmitted from generation to generation 18. Other scientists, such as Nalimov V.V., Samuels M., Davie D. believe that the terms of science have more isomorphism than the words of ordinary language, since they contain more semantic content. This point of view can hardly be recognized as correct, having previously corrected this opinion in the part where it talks about more semantic content. It would be more accurate to say that semantics is more specific than its greater scope. The bottom line is that terminology in many cases develops faster than general literary vocabulary, since the needs of science must be provided with optimal linguistic means, and scientific thinking is ahead of the development of everyday thinking.

<sup>16</sup> Ульман С. Семантические универсалии// Новое в лингвистике. – М., -1970. Вып. V. –С. 250-293.

<sup>&</sup>lt;sup>17</sup> Ярцева В.Н. История английского литературного языка IX-XV вв. – М.: Наука, 1985. –С.55; Ступин Л.П., Проблема нормативности в истории английской лексикографии XV-XX вв. – Л.: Изд-во ЛГУ, 1989. –С. 24-39.

<sup>&</sup>lt;sup>18</sup> Savory T.H. The Language of Science: its growth, character and usage. -L., 1967. -P.51.





It is obvious that V.V. Nalimov, T. Savory, Davie D. and others mean structurally stable and, indeed, in many cases isomorphic chemical, medical, and other nomenclature. The latter, however, is not an element of the terminological system, since, not being literary and normative, the nomenclature does not mean, but "labels" scientific concepts. In addition, it should also be noted that the nomenclature is a derivative of the "third" order of terms, acquiring a stable, often abbreviated form, and is not a numerous or, at least, significant layer in the total mass of terminological vocabulary<sup>19</sup>.

Based on the above, we define the term ethics as a unit of vocabulary included as an integral component in a particular thematic group of a certain philosophical and terminological system, and quite clearly designating a certain concept within the framework of this philosophical and ethical system. At the same time, when researching and describing terminological units, where the impact of the semantic factor is especially noticeable, the main attention should be paid to the substantive characteristics of the terms, and not to their morphological or morphosyntactic structure, since this concerns the philosophical terminology of ethics and morality. A term is a word (or phrase) adopted in a certain field of knowledge to denote any concept of this field. A term is a reflection by means of the language of an abstract concept. The concepts associated with this area of knowledge constitute a system of concepts, and the words denoting them constitute a system of terms.

The greatest difficulty in ordering special words is terminology. At the same time, terminology is the most important part of the special vocabulary, it is it that "actively participates in the production, accumulation, synthesis and generalization of knowledge about the essence of things, phenomena, processes in nature, society and thinking." A terminological system is all the terms of a certain field of knowledge taken in their interrelation. The structure of a terminological system is the nature of the interrelation of its constituent terms, or, in other words, what kind of semantic relations exist between the terms of a given system and which of them (i.e., of these relations) prevail in it. Since, by definition, the term designates a concept in its lexical form, the nature of the relationship between the terms of the system reflects the nature of the relationship between the concepts of the relevant field of knowledge. And since terms are lexical units of a certain specific language, they also depend on the characteristics of that language.

<sup>&</sup>lt;sup>19</sup> The Oxford Russian dictionary. Edited by Paul Falla. – Бишкек, 2008.





#### THE LIST OF USED LITERATURE:

- 1. Ульман С. Семантические универсалии// Новое в лингвистике. М., -1970. Вып. V. С. 250-293.
- 2. Ярцева В.Н. История английского литературного языка IX-XV вв. М.: Наука, 1985. С.55; Ступин Л.П., Проблема нормативности в истории английской лексикографии XV-XX вв. Л.: Изд-во ЛГУ, 1989. С. 24-39.
- 3. Savory T.H. The Language of Science: its growth, character and usage. –L., 1967. –P.51.
  - 4. The Oxford Russian dictionary. Edited by Paul Falla. Бишкек, 2008.
- 5. Шукурова, М. А. XVI-XVIII АСРЛАРДА ИНГЛИЗ ТИЛИДА ЭТИКА АТАМАЛАРИНИНГ РИВОЖЛАНИШИГА ДОИР БАЪЗИ МАСАЛАЛАР НЕКОТОРЫЕ ВОПРОСЫ РАЗВИТИЯ ЭТИЧЕСКИХ ТЕРМИНОВ В АНГЛИЙСКОМ ЯЗЫКЕ XVI-XVIII BEKOB SOME ISSUES ON THE DEVELOPMENT OF TERMS OF ETHICS IN THE. ANIQ VA TABIIY FANLAR, 165.
- 6. Askarovna, S. M. General Linguistic Theories in English Linguistics of the Xvi-xvii Centuries and the Practice of Norms in Vocabulary. *European Scholar Journal*, 2(4), 504-506.
- 7. Askarovna, S. M. (2021). GENERAL LINGUISTIC THEORIES IN ENGLISH LINGUISTICS OF THE XVI-XVII CENTURIES AND THE PRACTICE OF NORMS IN VOCABULARY.
- 8. Askarovna, S. M., & Djurabayevna, D. N. Some Principles of the Formation and Development of Ethical Terms in the English Language in the XVI-XVIII Centuries. *International Journal on Integrated Education*, 2(6), 31-39.
- 9. Askarovna, S. M., & Djurabayevna, D. N. (2019). Some principles of the formation and development of ethical terms in the English language in the XVI-XVIII centuries. *International Journal on Integrated Education*, 2(6), 31-39.
- 10. Shukurova, M. A. (2017). Coherence and cohesion as essential parts in effective writing. Міжнародний науковий журнал Інтернаука, (1 (1)), 143-145.
- 11. Шукурова, М. (2023). СТРУКТУРНЫЙ АНАЛИЗ АНГЛИЙСКИХ ЭТИЧЕСКИХ ТЕРМИНОВ XVI-XVII ВЕКА. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.Uz), 41 (41). извлечено от https://journal.buxdu.uz/index.php/journals\_buxdu/article/view/10792
- 12. Шукурова, M. (2023). REVIEW OF LINGUISTIC THEORIES IN THE ENGLISH LANGUAGE OF THE RENAISSANCE PERIOD. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 41 (41).





- 13. Askarovna, S. M. (2021, March). Comparative investigation on the semantic meaning of some terms of ethics of the XVI-XVII centuries. In *E-Conference Globe* (pp. 285-287).
- 14. Шукурова, М. А. (2021). Анализ специальной лексики английского языка XVI века по аспектам терминологичности. МЕЖДУНАРОДНЫЙ ЖУРНАЛ ИСКУССТВО СЛОВА, 4(2).
- 15. Shukurova, M. A. (2017). Useful strategies in teaching grammar in english language classes. Міжнародний науковий журнал Інтернаука, (1 (1)), 146-148.
- 16. Askarovna, S. M. (2021). Historical background on the systematization of the vocabulary of ethics. ACADEMICIA: An International Multidisciplinary Research Journal, 11(3), 25-29.
- 17. Шукурова-БухГУ, М. А. (2020). КОРРЕЛЯЦИЯ СОЗНАНИЯ, ЯЗЫКА И СТИЛЯ НАУЧНО-ФИЛОСОФСКОГО ИЗЛОЖЕНИЯ ПЕРИОДА XVI-XVII ВЕКОВ. ТАЪЛИМ ТИЗИМИДА ЧЕТ ТИЛЛАРНИ ЎРГАНИШНИНГ ЗАМОНАВИЙ МУАММОЛАРИ ВА ИСТИ**К**БОЛЛАРИ Хал**к**аро илмий-амалий анжуман 5-6 март 2020 йил, 597.
- 18. Askarovna, S. M. (2023). A BRIEF OVERVIEW OF THE DEVELOPMENT OF THE LEXICAL-CONCEPTUAL FIELD OF ETHICS IN THE XVIth-XVIIIth CENTURIES. PEDAGOGICAL SCIENCES AND TEACHING METHODS, 3(26), 25-31.
- 19. Шукурова, М. (2023). MODERN LINGUISTICS AND SOME PROBLEMS RELATED TO TERMINOLOGY. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.Uz), 42(42). извлечено от https://journal.buxdu.uz/index.php/journals\_buxdu/article/view/10953
- 20. Askarovna, S. M. (2023). Some Concepts on Systematization of the Vocabulary of Ethics. Journal of Research in Innovative Teaching and Inclusive Learning, 1(2), 11-14.
- 21. Askarovna, S. M. (2023, October). MODERN LINGUISTICS AND SOME PROBLEMS RELATED TO TERMINOLOGY. In INTERDISCIPLINE INNOVATION AND SCIENTIFIC RESEARCH CONFERENCE (Vol. 2, No. 13, pp. 65-68).
- 22. Shukurova, M. A. (2021, February). COMPARATIVE STUDY OF THE SEMANTIC PROCESS OF ETHICS TERMS OF THE XVI-XVII CENTURIES. In Archive of Conferences (Vol. 15, No. 1, pp. 258-260).
- 23. Erkinovna, Y. F., Djurabaevna, D. N., & Madina, S. (2020). The Expression of Politeness Category in The Uzbek And English Languages. *International Journal of Psychosocial Rehabilitation*, 24(09).
- 24. Shukurova, M. A. (2020). COMBINATORIAL-COMPONENT AND FUNCTIONAL-SYNTACTIC ANALYSIS OF TERMINOLOGICAL UNITS. Scientific and





Technical Journal of Namangan Institute of Engineering and Technology, 2(4), 309-316.

- 25. Shukurova, M. A. (2020). Social-Ethical Vocabulary Linguistic Nature in XVI-XVIII Centuries. In Язык и культура (pp. 24-34).
- 26. Шукурова, М. А. (2016). Лингвистическая природа социальноэтической лексики в современном языкознании. International scientific journal, (4 (2)), 64-66.
- 27. Shukurova, M. A. (2013). On formation and development of XVI–XVIII centuries terms of ethics in the english language. In Applied and Fundamental Studies (pp. 400-404).
- 28. Shukurova, M. A. Development Of The Informative Structure Of The Lexical-Conceptual Field Of Ethics In The 16th-18th Centuries.
- 29. Шукурова, М. (2023). Some Concepts on Systematization of the Vocabulary of Ethics. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu.Uz), 42(42). извлечено

#### https://journal.buxdu.uz/index.php/journals\_buxdu/article/view/10952

- 30. Шукурова, М. (2021). STAGES OF THE DEVELOPMENT PROCESS OF THE LEXICOCONCEPTUAL FIELD OF ETHICS. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 5(5).
- 31. Шукурова, М. (2020). Russian. ЦЕНТР НАУЧНЫХ ПУБЛИКАЦИЙ (buxdu. uz), 1(1).
- 32. Шукурова, М. А. (2016). СОЦИОЛИНГВИСТИЧЕСКАЯ ПРИРОДА ЭТИЧЕСКОЙ ЛЕКСИКИ, ФОРМИРОВАНИЕ И СИСТЕМАТИЗАЦИЯ. ных работ VII Международной научно-практической конферен-ции (Санкт-Петрбург-Астана-Киев-Вена), 28 апреля 2016 года, 2 т./Международный научный центр, 2016.—78 с.
- 33. Wykypoba, M. A. COHERENCE AND COHESION AS ESSENTIAL PARTS IN EFFECTIVE WRITING.