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Bahor keldi seni so'roqlab...

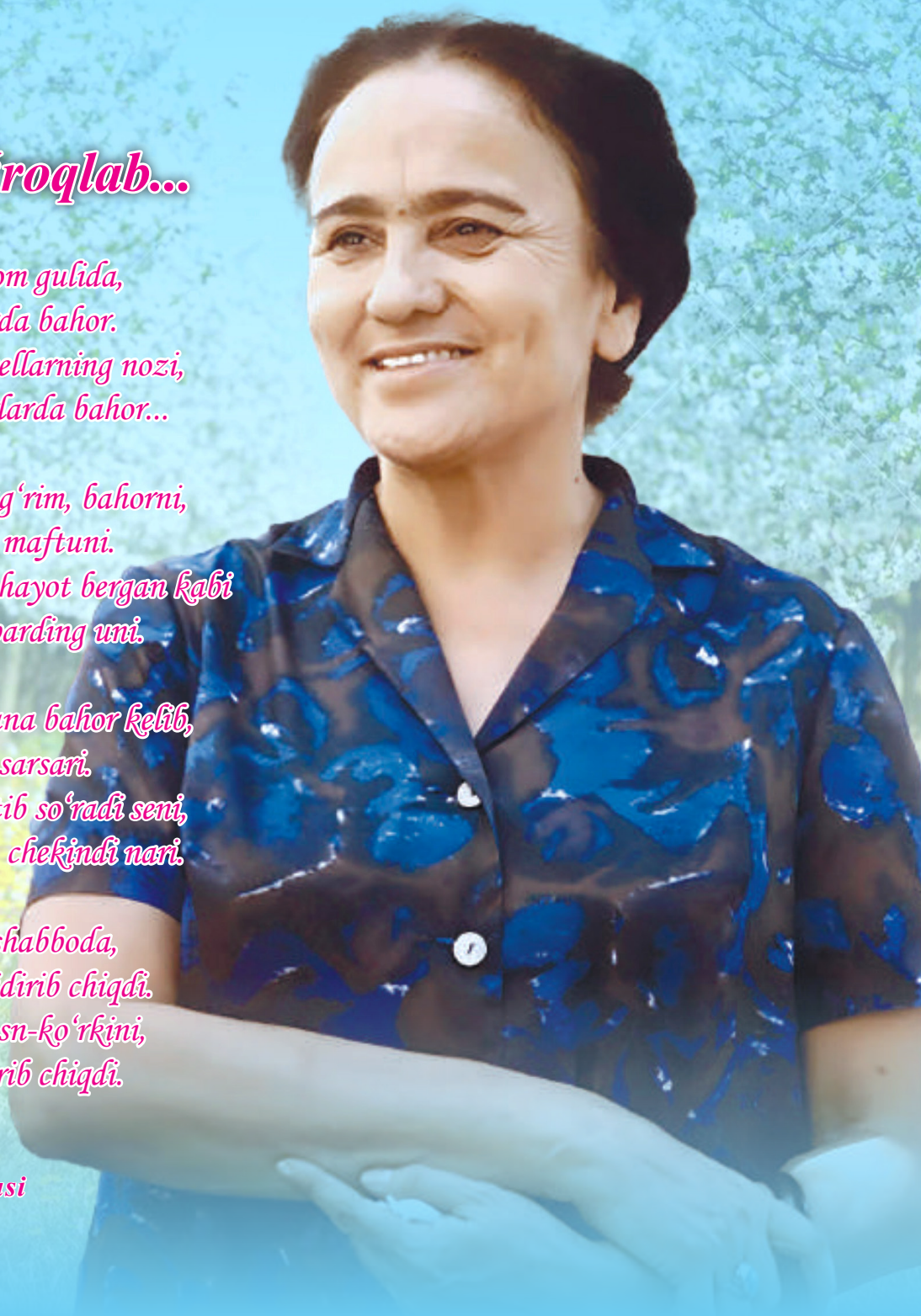
*Salqin saharlarda, bodom gulida,
Binafsha labida, yerlarda bahor.
Qushlarning parvozi, yellarning nozi,
Baxmal vodiylarda, qirlarda bahor...*

*Qancha sevar eding, bag'rim, bahorni,
O'rik gullarining eding maftuni.
Har uyg'ongan kurtak hayot bergan kabi
Ko'zlaringga surtib o'parding uni.*

*Mana, qimmatligim, yana bahor kelib,
Seni izlab yurdi, kezdi sarsari.
Qishning yoqasidan tutib so'radi seni,
Ul ham yosh to'kdi-yu, chekindi nari.*

*Seni izlar ekan, bo'lib shabboda,
Sen yurgan bog'larni qidirib chiqdi.
Yozib ko'rsatay deb husn-ko'rkini,
Yashil yaproqlarni qidirib chiqdi.*

Zulfiya,
O'zbekiston xalq shoirasi



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LEXICO-SEMANTIC FEATURES OF UZBEK ASTRONOMICAL TERMINOLOGY

Annotation: this paper explores the lexico-semantic features of astronomical terminology in the Uzbek language, focusing on the specific characteristics that ensure precision and clarity in scientific communication. Key features such as monosemy, specificity, denotativity, precision, metaphorical use and the relationship between form and meaning are discussed. Through the analysis of astronomical terms, the paper demonstrates how terms can evolve from concrete to symbolic meanings, contributing to the development of both scientific and everyday language. The conclusion highlights the role of astronomical terminology in shaping language and supporting the clear communication of complex concepts.

Key words: *astronomical terminology, lexico-semantic features, monosemy, polysemy, metaphorical shifts, specificity, Uzbek language, scientific communication, precision, denotativity.*

Аннотация: данная статья исследует лексико-семантические особенности астрономической терминологии в узбекском языке, с акцентом на специфические характеристики, обеспечивающие точность и ясность научной коммуникации. Обсуждаются ключевые особенности, такие как моносемия, спецификация, денотативность, точность, метафорическое использование и связь между формой и значением. Через анализ астрономических терминов статья показывает, как термины могут эволюционировать от конкретных значений к символическим, способствуя развитию как научного, так и повседневного языка. В заключении подчеркивается роль астрономической терминологии в формировании языка и поддержке четкой коммуникации сложных концепций.

Ключевые слова: *астрономическая терминология, лексико-семантические особенности, моносемия, полисемия, метафорические сдвиги, спецификация, узбекский язык, научная коммуникация, точность, денотативность.*

Annotatsiya: ushbu maqola o'zbek tilidagi astronomik terminologiyani leksiko-semantik xususiyatlarini o'rganadi, ilmiy muloqotda aniqlik va ravshanlikni ta'minlaydigan xususiyatlarga diqqat qaratadi. Bunday asosiy xususiyatlar orasida monosemiya, maxsuslik, denotativlik, aniqlik, metaforik foydalanish va shakl hamda ma'no o'rtasidagi aloqalar muhokama qilinadi. Astronomik atamalarni tahlil qilish orqali maqola atamalar qanday qilib aniq ma'nolardan simvolik ma'nolarga o'tishini, bu jarayon ilmiy va kundalik tilning rivojlanishiga qanday hissa qo'shishini ko'rsatadi. Xulosa qismida astronomik terminologiyani tilni shakllantirishdagi va murakkab tushunchalarni aniq ifodalashdagi roli ta'kidlanadi.

Kalit so'zlar: *astronomik terminologiya, leksiko-semantik xususiyatlar, monosemiya, polisemiylar, metaforik o'zgarishlar, ilmiy muloqot, denotativlik.*

In the field of terminology, including astronomical terms, lexico-semantic features play a significant role as they help in defining the precise meanings of terms and understanding their unique characteristics. Based on the definitions and classifications of terms, the primary lexico-semantic features of terms include:

1. Monosemy (Uniqueness of meaning);
2. Specificity (Specialization);
3. Denotativity (Signification);
4. Precision of characteristics;
5. Metaphoricity;
6. The relationship between the form and meaning of terms.

Understanding the lexico-semantic features of astronomical terms ensures clarity, comprehensibility and effectiveness in communication. Additionally, these features provide insight into the development of astronomical terminology and the formation of new

concepts. Below, we will explain each lexico-semantic feature in more detail, supporting our arguments with examples.

Monosemy (Uniqueness of Meaning) in Astronomical Terms

Astronomical terms generally have a clear and singular meaning. Polysemy can lead to ambiguity and confusion, so for astronomical concepts, a single, well-defined meaning is usually adopted. However, in certain cases, a term may start with a specific meaning and later expand to encompass multiple meanings. In such cases, the primary scientific meaning gives rise to additional interpretations. As mentioned earlier, terms in all fields, particularly in Uzbek, usually express a single meaning. Indeed, a term is a linguistic unit that expresses a specialized, concise concept. However, during our research, we observed instances where terms developed

multiple meanings, resulting in polysemy. Below, we will examine some examples. For instance, the word "Oy" (Moon) can be analyzed to reveal multiple related meanings. According to the Explanatory Dictionary of the Uzbek Language, the following meanings of "Oy" are provided:

1. The moon, a celestial body that reflects light from the Sun and is Earth's natural satellite. A 14-day period of the moon's cycle. Full moon. The moon rises. The moon sets. Lunar spots. The moon's orbit around Earth.
2. A unit of time, representing one twelfth of the astronomical year, corresponding to the period it takes for the Moon to complete one orbit around the Sun, generally 28, 29, 30, or 31 days.
3. A crescent or circular ornament.
4. A diminutive or affectionate suffix used in names, particularly for women, implying respect or endearment.

From the Explanatory Dictionary, we observe that the word "Oy" carries multiple meanings, and the first two are directly related to astronomy. These meanings reflect the moon as Earth's natural satellite (meaning 1) and the lunar cycle (meaning 2). These two meanings are clearly connected: the second meaning is an extension of the first, describing the Moon's complete revolution around the Earth. Additionally, the word "Oy" also carries metaphorical and extended meanings, such as "a crescent-shaped ornament" or a diminutive suffix in women's names (e.g., Oyposhsha, Oyqiz). Here, the use of the word "Oy" shifts from a literal astronomical object to a symbolic or affectionate term. This demonstrates how meanings can evolve from concrete to abstract or metaphorical, a characteristic of polysemy.

Another example of polysemy can be seen with the word "Yer" (Earth). The Explanatory Dictionary of the Uzbek Language defines "Yer" as:

1. The third planet from the Sun, Earth's sphere.

2. The solid landmass of the Earth, in contrast to its water-covered surface.

These meanings are relevant in astronomy. In these contexts, "Yer" refers to our planet in both a physical and astronomical sense.

Metaphoricity in Astronomical Terms

Metaphors are a key feature of astronomical terminology. For example, the word "Osmon" (Sky) in the Explanatory Dictionary has several meanings, including:

1. The blue expanse above the Earth, or the heavens.
2. The region surrounding Earth that contains astronomical objects.

In addition to these core astronomical meanings, the term "Osmon" has expanded into various figurative or symbolic meanings in the language. In this way, metaphorical shifts in meaning occur, where the core meaning (relating to the physical sky or celestial space) is applied to other, often non-astronomical contexts.

Conclusion

In conclusion, the study of lexico-semantic features of Uzbek astronomical terms reveals their crucial role in maintaining clarity and precision in scientific communication. Most astronomical terms in the Uzbek language exhibit monosemy, ensuring a single, clear meaning to avoid ambiguity. However, the occurrence of polysemy and metaphorical shifts in some terms illustrates the dynamic nature of language and its capacity to adapt to both scientific and everyday contexts. These terms serve as specialized linguistic tools that help to articulate complex astronomical phenomena while contributing to the evolution of language. The overall structure of astronomical terminology in Uzbek reflects the need for precision and clarity, reinforcing the effectiveness of communication within the scientific community and beyond.

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M U N D A R I J A

DOLZARB MAVZU

Safo Matchonov. Matn tahlili vositasida
o'quvchilarning mutolaa madaniyatini
shakllantirish usullari2

Nasiba Sabirova.
"Tarbiya" fanini o'qitishda badiiy
adabiyotlardan foydalanishning
o'ziga xos xususiyatlari5

Shohida Shahabitdinova.
Zamonaviy neyropsixologiyavistika
tendensiyalari8

Nafisa Abdullayeva.
Muxtabar Maraimova.
Maktabgacha ta'lim tashkiloti
rahbarlarida o'zini-o'zi rivojlantirishining
kasbiy faoliyatdagi ahamiyati11

Shaxnoza Batoryaliyeva.
Metodические аспекты
функциональных задач в
учебно-воспитательной работе и
деятельности тьюторов в высших
учебных заведениях Узбекистана ...14

Sevara Usmonova.

Feruzaxon Muxammatjonova.
O'zbek tarixiy asarlarida antroponim va
toponimlarning o'zaro bog'liqligi23

Saida Maksumova.
Gapda grammatik aloqaga
kirishmaydigan bo'laklarning uslubiy
xususiyatlari25

Nargiza Qodirova. Ismoiljon Xojaliyev.
Turli tizimli tillarda komponent tahlil28

Barno Karabayeva.
Семантические и прагматические
аспекты перцептивных категорий в
английском и узбекском языках30

Матлуба Ахмедова. Вопросы об
основных тенденциях развития
переводоведения в узбекистане33

Sarvinoz Ermatova.
The Power of Words: A Linguistic Study
of Orders in Institutional Texts36

ADABIYOTSHUNOSLIK

Olim Kayumov. G'iybat va
"mish-mish" folklor janri sifatida38

Madinabonu Axmedova. O'zbek
mifologiyasida ajdarho obrazi41

Shaxlo Xalilova.
Nilufar Ergasheva.
"Jeyn Eyre" va "Anna Karenina"
asarlarida ayollarning o'rni44

ILG'OR PEDAGOGIK TEXNOLOGIYA

Sanobar Kuldashaeva.
Sintaksisni o'qitishda raqamli
texnologiyalarning o'rni46

*O'zbekiston Respublikasi Oliy ta'lim, fan va innovatsiyalar vazirligi huzuridagi
Oliy attestatsiya komissiyasi Rayosatining 2023-yil 3-iyundagi 338/6-sonli
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ilmiy nashrdir. <https://oak.uz/pages/4802>*

Shohista Tojiboyeva. "Mediasavodxonlik va axborot madaniyati" asosida bo'lajak xorijiy til o'qituvchilarning informatsion-analitik kompetentligini rivojlantirishning pedagogik xususiyatlari49

Dilnoza Mamatova. Sun'iy intellekt vositalaridan samarali foydalanishning didaktik asoslari51

Xolida G'ulomova. Bo'lg'usi ona tili o'qituvchilarini maktab ta'limiga tayyorlash metodlari53

Feruza Sharipova. How do reading comprehension affect on learning of english language for specific purposes55

Nargis Inagamova. Formation of lexical competencies at the b2 level of economics students based on digital technologies59

Zarniso Aktamova. Impact of digital technologies on pedagogical principles and methodologies61

Dilafruz Kurbanova. Developing lexical competence of adult learners through digital technologies63

Шоира Хошимова. Новые медиа и литература65

TADQIQOTLAR

Gulasal Latipova. Jo'shqin Tursunov. Adabiyot va san'at ahli – Turkiston sha'ni va sharafi himoyachisi67

Xusnora Saydullayeva. Bo'lajak muhandislarning ingliz tilida kasbiy leksik kompetensiyasini rivojlantirish uchun mashqlar tizimini yaratish69

Nilufar Turdiyeva. Murakkab sintaktik paradigma72

Dilafruz Otamurodova. Fransuz badiiy asarlarida dialog tasvirining o'ziga xos xususiyatlari74

Gulrukh Elmurodova. Ingliz tili turizm matnlaridagi sayohat diskursining tahlili76

Umidjon Abdullayev. Halima Ahmedova she'riyatining leksik-semantik xususiyatlari78

Moxinur Sayliyeva. Konnotatsiya va pragmatika: So'z ma'nosining pragmatik kontekstdagi o'zgarishlari81

Shaxlo Saliyeva. Turli tizimli tillarda okkazonalizmning funksional va semantik xususiyatlari83

Husniddin Tojiyev. Talabalarni ta'lim jarayonida variativ yondashuvga o'rgatishning nazariy asoslari85

Umida Usmonova. O'zbek tilining izohli lug'atida eskirgan ot so'zlarning berilishi88

Adham Musurmonqulov. Uyadoshlikka yondosh bo'lgan leksik-semantik munosabat turlarining tasnifi90

Maftuna Shomurodova. O'zbek mumtoz adabiyotshunosligida Sadridin Ayniyning o'rni92

Guzal Mardiyeva. Urushdan keyingi qayta tiklanish yillarida adabiyot va san'at, hamda ijtimoiy tiklanish omillari95

Nargiza Kaxorova. Badiiy janrlar tasnifida korpus lingvistik yondashuvlar98

Zarnigor Eliboyeva. Ertak janrining XX asrdagi transformatsiyasi100

Shodiya A'zamova. Nodir "Haft gulshan" dostonining o'rganilishi102

Qahramon Ro'ziyev. O'zbek tilining etimologik lug'atida izohlangan taom nomlari tahlili106

Dilnoza Farxodova. Tarjimon talabalarining kasbiy kompetensiyasini o'rganish va tajribani umimlashtirish108

Beknozaxon Bektemirova. Diskurs va uning tipologiyasi110

Nargiza Shirinova. XVI asr adabiy muhiti va manbalari113

Dilnoza Boymaxmatova. Ona tili darslarida foydalaniladigan interfaol metodlarning qo'llanilishi116

Dilnoza Xamroyeva. Abdulla Sher she'rlarida kompozitsiya masalasi118

Немат Сабилов. Путешествие как специфическая художественная форма русской литературы120

Нина Рогозинникова. Концепция курса «страноведение» для филологов-русистов124

Сайёра Оринбаева. Типы и механизмы лексического обогащения127

Гулчебра Мусаджанова. Дружба как основа духовного воспитания: наследие Абдуррахмана Джами и Алишера Навои в образовательном процессе129

Жавохирбек Йулдошхонов. Микропонимы как компонент языковой картины мира134

Елена Шевченко. Авторская интерпретация образа екатерины второй в романе в. Пикуля «фаворит»137

Элина Аадуллаева. Межкультурная коммуникация в деятельности национальных культурных центров139

Нафиса Нематжонova. Своеобразие рассказов
фазиля искандера 142

Камила Сулейманова.
Теория незначительных частей речи в русских
грамматиках XVI–XVIII веков 144

Нина Тимонина.
Зарина Аманова.
Роль внеклассной работы по русскому
языку в формировании лингвистических и
межкультурных компетенций 146

Matluba Raxmonova. The usage of derivational
and functional (grammatical) affixes in enlarging
vocabulary 148

Surayyo Saidova. Esp reading: strategies,
applications, and future directions 150

Mavluda Urozboeva. The linguistic concept of the
world: a comparison of english and uzbek 152

Zuhra Nishonova.
Teaching foreign language reading through phonics
learning in primary school 154

Umida Tohirova.
The Symbolism and Philosophical Depth of “The
Language of the Birds” by Alisher Navoi 157

Bakhodir Fayziyev. Navigating Cultural and Linguistic
Challenges in Harry Potter’s Uzbek and Russian
Versions 159

Mehriniso Khusenova. Lexico-Semantic Features of
Uzbek Astronomical Terminology 162

Alijon Khushvaktov. Nigina Sobirova.
Dilbegim Umarkhanova. Cognitive-stylistic
analysis of appositive constructions
(Detachment) in literary texts 164

Feruzaxon Raximova. Cognitive Linguistics and Its
Role in Language Learning 166

PEDAGOGIKA

Nargiza Mahmudova. Umumta’lim maktablarida
“tarbiya” fanini o’qitishning ahamiyati 169

Feruza Valiyeva. Maktabgacha ta’lim tashkiloti
tarbiyachilarining KPI aniqlash mezonlari: nazariy
asoslar va amaliyotda qo’llash imkoniyatlari 172

Gulrux Eshonkulova. Ingliz tili maqollarini interfaol
metodlar yordamida o’qitish 175

Hilola Majidova. Bo’lajak boshlang’ich sinf
o’qituvchilarida baholash kompetensiyalarini
rivojlantirishning pedagogik mexanizmlarini
takomillashtirishning ilmiy-nazariy asoslari 177

Камола Мирфайзиева.
Проблемы обучения русскому письму в группах с
узбекским языком обучения 179

Nargiza Muhammedova. Sport musobaqalarining
shaharlar infratuzilmasiga ta’siri 181

Boburjon Xolmaxmatov. Futbol maktablarida
shug’ullanayotgan 13-15 yoshli himoyachilarning
umumiy jismoniy tayyorgarligi ko’rsatkichlari
dinamikasi 184

KICHIK TADQIQOT

Sa’diy G’iyasov.
Ivan Turgenev asarlarida ayol
obrazining estetik ifodasi 187

Parizoda Axrorxo’jayeva.
Cho’lponning “Zamona xotini” dramasida
ayollar erki tasviri 188

Zarnigor Abduqodirova. “Muin ul-murid” asarining
topilishi va o’rganilishi 193

Xumorxon Ro’ziqulova.
O’zbek va ingliz maqollari badiiyati
va xalqona uslubi 195

Diydora Xayitboyeva.
G’ozi Olim Yunusovning o’zbek shevalarining
o’rganilishiga qo’shgan hissasi 198

Dilbar Avlayeva. Fuzuliy va Xon devonlari
tarkibi va obrazlar 200

Xurshida Nemadillayeva.
Cho’lpon she’riyatida – ozodlik nidosi,
xalq dardi, milliy uyg’onish ruhi 202

Gulhayo Toshpulatova.
Norozilik aktini ifodalaydigan maqollarning
lingvistik xususiyati 204

Charos Eshmamatova.
Ibratli hayot yo’li 206

Shaxnozabonu Muxammadjonova.
“Shamolni tutib bo’lmaydi”
hikoyasida ayol obrazi 208

Mushtariybonu Axmedova.
Boshlang’ich sinflarda ona tili va o’qish
savodxonligi darslarida boshlang’ich sinf
o’quvchilarining nutq madaniyatini shakllantirish 210

Iroda Ismatova.
“Ufq” trilogiyasida ayollar obrazi tasviri 213

Nilufar Turakulova.
Theme: degrees of comparasion of adjectives in
english and uzbek languages 215

Latofat Barotova.
Gothic novel genre and its
significance in literature 217