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Ijtimoiy-gumanitar fanlarning dolzARB muammolari

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2024

SCIENCEPROBLEMS.UZ

IJTIMOIY-GUMANITAR FANLARNING DOLZARB MUAMMOLARI

Nº S/9 (4) - 2024

**АКТУАЛЬНЫЕ ПРОБЛЕМЫ СОЦИАЛЬНО-
ГУМАНИТАРНЫХ НАУК**

ACTUAL PROBLEMS OF HUMANITIES AND SOCIAL SCIENCES

TOSHKENT-2024

BOSH MUHARRIR:

Isanova Feruza Tulqinovna

TAHRIR HAY'ATI:

07.00.00- TARIX FANLARI:

Yuldashev Anvar Ergashevich – tarix fanlari doktori, siyosiy fanlar nomzodi, professor, O'zbekiston Respublikasi Prezidenti huzuridagi Davlat boshqaruvi akademiyasi;

Mavlanov Uktam Maxmasabirovich – tarix fanlari doktori, professor, O'zbekiston Respublikasi Prezidenti huzuridagi Davlat boshqaruvi akademiyasi;

Xazratkulov Abror – tarix fanlari doktori, dotsent, O'zbekiston davlat jahon tillari universiteti.

Tursunov Ravshan Normuratovich – tarix fanlari doktori, O'zbekiston Milliy Universiteti;

Xolikulov Axmadjon Boymahamatovich – tarix fanlari doktori, O'zbekiston Milliy Universiteti;

Gabrielyan Sofya Ivanovna – tarix fanlari doktori, dotsent, O'zbekiston Milliy Universiteti.

Saidov Sarvar Atabullo o'g'li – katta ilmiy xodim, Imam Termiziy xalqaro ilmiy-tadqiqot markazi, ilmiy tadqiqotlar bo'limi.

08.00.00- IQTISODIYOT FANLARI:

Karlibayeva Raya Xojabayevna – iqtisodiyot fanlari doktori, professor, Toshkent davlat iqtisodiyot universiteti;

Nasirxodjayeva Dilafruz Sabitxanova – iqtisodiyot fanlari doktori, professor, Toshkent davlat iqtisodiyot universiteti;

Ostonokulov Azamat Abdukarimovich – iqtisodiyot fanlari doktori, professor, Toshkent moliya instituti; Arabov Nurali Uralovich – iqtisodiyot fanlari doktori, professor, Samarqand davlat universiteti;

Xudoyqulov Sadirdin Karimovich – iqtisodiyot fanlari doktori, dotsent, Toshkent davlat iqtisodiyot universiteti;

Azizov Sherzod O'ktamovich – iqtisodiyot fanlari doktori, dotsent, O'zbekiston Respublikasi Bojxona instituti;

Xojayev Azizzon Saidaloxonovich – iqtisodiyot fanlari doktori, dotsent, Farg'ona politexnika instituti

Xolov Aktam Xatamovich – iqtisodiyot fanlari bo'yicha falsafa doktori (PhD), dotsent, O'zbekiston Respublikasi Prezidenti huzuridagi Davlat boshqaruvi akademiyasi;

Shadiyeva Dildora Xamidovna – iqtisodiyot fanlari bo'yicha falsafa doktori (PhD), dotsent v.b, Toshkent moliya instituti;

Shakarov Qulmat Ashirovich – iqtisodiyot fanlari

nomzodi, dotsent, Toshkent axborot texnologiyalari universiteti

09.00.00- FALSAFA FANLARI:

Hakimov Nazar Hakimovich – falsafa fanlari doktori, professor, Toshkent davlat iqtisodiyot universiteti;

Yaxshilikov Jo'raboy – falsafa fanlari doktori, professor, Samarqand davlat universiteti;

G'aybullayev Otabek Muhammadiyevich – falsafa fanlari doktori, professor, Samarqand davlat chet tillar instituti;

Saidova Kamola Uskanbayevna – falsafa fanlari doktori, "Tashkent International University of Education" xalqaro universiteti;

Hoshimxonov Mo'min – falsafa fanlari doktori, dotsent, Jizzax pedagogika instituti;

O'roqova Oysuluv Jamoliddinovna – falsafa fanlari doktori, dotsent, Andijon davlat tibbiyot instituti, Ijtimoiy-gumanitar fanlar kafedrasi mudiri;

Nosirxodjayeva Gulnora Abdukaxxarovna – falsafa fanlari nomzodi, dotsent, Toshkent davlat yuridik universiteti;

Turdiyev Bexruz Sobirovich – falsafa fanlari bo'yicha falsafa doktori (PhD), dotsent, Buxoro davlat universiteti.

10.00.00- FILOLOGIYA FANLARI:

Axmedov Oybek Saporbayevich – filologiya fanlari doktori, professor, O'zbekiston davlat jahon tillari universiteti;

Ko'chimov Shuxrat Norqizilovich – filologiya fanlari doktori, dotsent, Toshkent davlat yuridik universiteti;

Hasanov Shavkat Ahadovich – filologiya fanlari doktori, professor, Samarqand davlat universiteti;

Baxronova Dilrabo Keldiyorovna – filologiya fanlari doktori, professor, O'zbekiston davlat jahon tillari universiteti;

Mirsanov G'aybullo Qulmurodovich – filologiya fanlari doktori, professor, Samarqand davlat chet tillar instituti;

Salaxutdinova Musharraf Isamutdinovna – filologiya fanlari nomzodi, dotsent, Samarqand davlat universiteti;

Kuchkarov Raxman Urmanovich – filologiya fanlari nomzodi, dotsent v/b, Toshkent davlat yuridik universiteti;

Yunusov Mansur Abdullayevich – filologiya fanlari nomzodi, O'zbekiston Respublikasi Prezidenti huzuridagi Davlat boshqaruvi akademiyasi;

Saidov Ulugbek Aripovich – filologiya fanlari nomzodi, dotsent, O'zbekiston Respublikasi Prezidenti huzuridagi Davlat boshqaruvi akademiyasi.

12.00.00- YURIDIK FANLAR:

Axmedshayeva Mavlyuda Axatovna – yuridik fanlar doktori, professor, Toshkent davlat yuridik universiteti;

Muxitdinova Firyuza Abdurashidovna – yuridik fanlar doktori, professor, Toshkent davlat yuridik universiteti;

Esanova Zamira Normurotovna – yuridik fanlar doktori, professor, O'zbekiston Respublikasida xizmat ko'rsatgan yurist, Toshkent davlat yuridik universiteti;

Hamroqulov Bahodir Mamasharifovich – yuridik fanlar doktori, professor v.b., Jahon iqtisodiyoti va diplomatiya universiteti;

Zulfiqorov Sherzod Xurramovich – yuridik fanlar doktori, professor, O'zbekiston Respublikasi Jamoat xavfsizligi universiteti;

Xayitov Xushvaqt Saparbayevich – yuridik fanlar doktori, professor, O'zbekiston Respublikasi Prezidenti huzuridagi Davlat boshqaruvi akademiyasi;

Asadov Shavkat G'aybullayevich – yuridik fanlar doktori, dotsent, O'zbekiston Respublikasi Prezidenti huzuridagi Davlat boshqaruvi akademiyasi;

Ergashev Ikrom Abdurasulovich – yuridik fanlar doktori, professor, Toshkent davlat yuridik universiteti;

Utemuratov Maxmut Ajimuratovich – yuridik fanlar nomzodi, professor, Toshkent davlat yuridik universiteti;

Saydullayev Shaxzod Alixanovich – yuridik fanlar nomzodi, professor, Toshkent davlat yuridik universiteti;

Hakimov Komil Baxtiyarovich – yuridik fanlar doktori, dotsent, Toshkent davlat yuridik universiteti;

Yusupov Sardorbek Baxodirovich – yuridik fanlar doktori, dotsent, Toshkent davlat yuridik universiteti;

Amirov Zafar Aktamovich – yuridik fanlar bo'yicha falsafa doktori (PhD), O'zbekiston Respublikasi Sudyalar oliy kengashi huzuridagi Sudyalar oliy

maktabi;

Jo'rayev Sherzod Yuldashevich – yuridik fanlar nomzodi, dotsent, Toshkent davlat yuridik universiteti;

Babadjanov Atabek Davronbekovich – yuridik fanlar nomzodi, dotsent, Toshkent davlat yuridik universiteti;

Rahmatov Elyor Jumaboyevich — yuridik fanlar nomzodi, Toshkent davlat yuridik universiteti;

13.00.00- PEDAGOGIKA FANLARI:

Xashimova Dildarxon Urinboyevna – pedagogika fanlari doktori, professor, Toshkent davlat yuridik universiteti;

Ibragimova Gulnora Xavazmatovna – pedagogika fanlari doktori, professor, Toshkent davlat iqtisodiyot universiteti;

Zakirova Feruza Maxmudovna – pedagogika fanlari doktori, Toshkent axborot texnologiyalari universiteti huzuridagi pedagogik kadrlarni qayta tayyorlash va ularning malakasini oshirish tarmoq markazi;

Kayumova Nasiba Ashurovna – pedagogika fanlari doktori, professor, Qarshi davlat universiteti;

Taylanova Shoxida Zayniyevna – pedagogika fanlari doktori, dotsent;

Jumaniyozova Muhayyo Tojiyevna – pedagogika fanlari doktori, dotsent, O'zbekiston davlat jahon tillari universiteti;

Ibraximov Sanjar Urunbayevich – pedagogika fanlari doktori, Iqtisodiyot va pedagogika universiteti;

Javliyeva Shaxnoza Baxodirovna – pedagogika fanlari bo'yicha falsafa doktori (PhD), Samarqand davlat universiteti;

Bobomurotova Latofat Elmurodovna — pedagogika fanlari bo'yicha falsafa doktori (PhD), Samarqand davlat universiteti.

19.00.00- PSIXOLOGIYA FANLARI:

Karimova Vasila Mamanosirovna – psixologiya fanlari doktori, professor, Nizomiy nomidagi Toshkent davlat pedagogika universiteti;

Hayitov Oybek Eshboyevich – Jismoniy tarbiya va sport bo'yicha mutaxassislarni qayta tayyorlash va malakasini oshirish instituti, psixologiya fanlari doktori, professor

Umarova Navbahor Shokirovna– psixologiya fanlari doktori, dotsent, Nizomiy nomidagi Toshkent davlat pedagogika universiteti, Amaliy psixologiyasi kafedrasи mudiri;

Atabayeva Nargis Batirovna – psixologiya fanlari doktori, dotsent, Nizomiy nomidagi Toshkent davlat pedagogika universiteti;

Shamshetova Anjim Karamaddinovna – psixologiya fanlari doktori, dotsent, O'zbekiston davlat jahon tillari universiteti;

Qodirov Obid Safarovich – psixologiya fanlari doktori (PhD), Samarkand viloyat IIB Tibbiyot bo'limi psixologik xizmat boshlig'i.

22.00.00- SOTSILOGIYA FANLARI:

Latipova Nodira Muxtarjanovna – sotsiologiya fanlari doktori, professor, O'zbekiston milliy universiteti kafedra mudiri;

Seitov Azamat Po'latovich – sotsiologiya fanlari doktori, professor, O'zbekiston milliy universiteti; Sodiqova Shohida Marxaboyevna – sotsiologiya fanlari doktori, professor, O'zbekiston xalqaro islam akademiyasi.

23.00.00- SIYOSIY FANLAR

Nazarov Nasriddin Ataqulovich – siyosiy fanlar doktori, falsafa fanlari doktori, professor, Toshkent arxitektura qurilish instituti;

Bo'tayev Usmonjon Xayrullayevich – siyosiy fanlar doktori, dotsent, O'zbekiston milliy universiteti kafedra mudiri.

OAK Ro'yxati

Mazkur jurnal Vazirlar Mahkamasi huzuridagi Oliy attestatsiya komissiyasi Rayosatining 2022-yil 30-noyabrdagi 327/5-son qarori bilan tarix, iqtisodiyot, falsafa, filologiya, yuridik va pedagogika fanlari bo'yicha ilmiy darajalar yuzasidan dissertatsiyalar asosiy natijalarini chop etish tavsiya etilgan ilmiy nashrlar ro'yxatiga kiritilgan.

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Muassis: "SCIENCEPROBLEMS TEAM"
mas'uliyati cheklangan jamiyati

Tahririyat manzili:

100070. Toshkent shahri, Yakkasaroy tumani, Kichik Beshyog'och ko'chasi,
70/10-uy. Elektron manzil:

scienceproblems.uz@gmail.com

Bog'lanish uchun telefon:

(99) 602-09-84 (telegram).

07.00.00 – TARIX FANLARI*Nasretdinaova Dilfuza Muxammatdinovna*

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THE GRAMMATICAL CATEGORY OF NUMBER IN THE GERMAN LANGUAGE

Azamatova Gulnoza,

Samarkand State University

PhD student

Abstract. This article explores the grammatical category of number in the German language, focusing on the ways in which number is expressed, including its syntactic, morphological, and semantic aspects. The study of the German number system reveals its complexity, with distinctions between singular, plural, and dual forms, as well as the intricacies of their usage in both nominal and verbal structures. The paper reviews key literature on the topic, examining how number affects sentence structure, word agreement, and overall communicative function in German. Special attention is paid to the historical development of number morphology and its contemporary usage.

Keywords: category of number, singular, plural, pragmatic function, morphology of number, syntax of number.

NEMIS TILIDA GRAMMATIK SON KATEGORIYASI

Azamatova Gulnoza,

Samarqand davlat universiteti

tayanch doktoranti

Annotatsiya. Ushbu maqola nemis tilida son kategoriyasini, uning sintaktik, morfologik va semantik jihatlarini o'rganishga bag'ishlangan. Nemis tilidagi son kategoriyasini o'rganish uning murakkabligini, ya'ni birlik, ko'plik va dual shakllari o'rtasidagi farqlarni hamda ularning ot, fe'l, sifat olmosh so'z turkumlarida ishlatilishini ochib beradi. Maqolada shu mavzudagi muhim adabiyotlar ko'rib chiqilib, son kategoriyasining gap qurilishiga, so'zlararo birikishga va umumiy kommunikativ funksiyaga ta'siri tahlil qilinadi. Shuningdek, maqolada sonning morfologik rivojlanishi va uning zamonaviy ishlatilishiga alohida e'tibor qaratilgan.

Kalit so'zlar: son kategoriyasi, birlik, ko'plik, pragmatik funksiya, son morfologiysi, son sintaksisi.

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Introduction. The grammatical category of number is an essential part of linguistic structure in any language, including German. Number categorically distinguishes between singular, plural, and sometimes dual forms, which express the quantity of an entity. In German, number plays a significant role not only in noun and verb forms but also in adjectives, determiners, and pronouns, ensuring that the syntax of the sentence maintains agreement across these elements.

The German language primarily distinguishes two forms of number: singular and plural, though a dual number existed historically. Today, dual forms are virtually non-existent in the modern German standard language, but they still persist in some dialects. Understanding how number works in German is crucial for language learners, as its rules of agreement and the

morphological changes it induces are key to mastering grammatical structures (Klein, 1984, p. 120).

The Morphology of Number in German

In German, the most significant markers of number appear in noun declension, verb conjugation, and adjective agreement. The singular and plural distinctions are seen in various parts of speech:

1. Nouns:

In German, nouns are marked for number in the singular and plural forms. The plural is formed through various morphological processes, often involving the addition of suffixes, vowel changes, or both. These plural forms are important because they determine the agreement with other parts of the sentence, such as the article and adjective.

a. Singular and Plural Forms:

Singular: The singular form of a noun refers to one object or entity.

der Hund (the dog)

die Lampe (the lamp)

Plural: The plural form refers to more than one object or entity. There are several ways to form plurals in German:

Adding -e (e.g., der Hund → die Hunde [the dogs]).

Adding -n or -en (e.g., die Lampe → die Lampen [the lamps]).

Changing the vowel (umlaut) in the root word (e.g., die Mutter → die Mütter [the mothers]).

Adding -s (e.g., das Auto → die Autos [the cars]).

b. Gender and Number Agreement:

German nouns also agree in gender (masculine, feminine, neuter) and number (singular, plural), which affects the form of accompanying articles (definite and indefinite) and adjectives:

Singular: ein schöner Hund (a beautiful dog)

Plural: zwei schöne Hunde (two beautiful dogs)

2. Verbs:

Verbs in German also exhibit number distinctions, particularly in subject-verb agreement. The verb conjugates differently depending on whether the subject is singular or plural. The subject and the verb must match in person (first, second, third) and number (singular, plural). This agreement is particularly evident in the present tense, where the verb changes depending on the subject's number.

a. Singular Forms:

Er geht (He goes)

Sie schreibt (She writes)

b. Plural Forms:

Wir gehen (We go)

Sie schreiben (They write)

Some forms of verbs do not distinguish between singular and plural, especially in the past tense or with modal verbs:

Ich ging (I went) / Wir gingen (We went)

Er kann (He can) / Sie können (They can)

However, it is important to note that German verb forms do not distinguish between singular and plural in all tenses (for example, in the past tense, ging can refer to both singular and plural subjects) (Haider, 2010, p. 158).

3. Number in Adjectives

Adjectives in German must agree in number with the noun they modify. This means that an adjective will change depending on whether the noun it modifies is singular or plural. The adjective's form can also change depending on the case (nominative, accusative, dative, genitive) and gender (masculine, feminine, neuter) of the noun.

a. Singular Forms:

- ein großer Hund (a big dog – masculine)
- eine schöne Lampe (a beautiful lamp – feminine)
- ein neues Auto (a new car – neuter)

b. Plural Forms:

- zwei große Hunde (two big dogs)
- drei schöne Lampen (three beautiful lamps)
- viele neue Autos (many new cars)

Adjectives in the plural form generally follow the same pattern for all genders:

- die großen Hunde (the big dogs)
- die schönen Lampen (the beautiful lamps)

c. Definite and Indefinite Articles:

The form of the adjective changes depending on the article (definite or indefinite) that precedes it. If an adjective comes after an indefinite article (such as ein, eine), the adjective will often end in -er for masculine nouns, -e for feminine and neuter nouns, and -en for plural nouns.

Singular: ein großer Hund (a big dog)

Plural: zwei große Hunde (two big dogs)

The definite article will cause a different set of endings:

Singular: der große Hund (the big dog)

Plural: die großen Hunde (the big dogs)

The Syntax of Number in German.

The use of number in German is not limited to individual word forms but extends to syntax, where number influences agreement between subjects, objects, and verbs. Number agreement is crucial in maintaining grammatical correctness in German sentences.

1. Subject-Verb Agreement:

In German, the subject and verb must agree in both number and person. For example:

Singular: Der Lehrer spricht (The teacher speaks)

Plural: Die Lehrer sprechen (The teachers speak)

2. Noun-Adjective Agreement:

Adjectives in German must also agree in gender, case, and number with the noun they modify. This requires attention to the form of the article, the adjective, and the noun:

Singular: ein roter Apfel (a red apple)

Plural: rote Äpfel (red apples)

3. Pronoun Agreement:

Pronouns in German are also marked for number. This is particularly important when referring to the subject or object of the sentence:

Singular: Er hat das Buch (He has the book)

Plural: Sie haben das Buch (They have the book) (Zifonun et al., 1997, p. 230).

The Historical Development of the German Number System.

Historically, the German language featured not only singular and plural but also a dual number. The dual was used to refer to two objects or individuals. However, the dual number has almost disappeared from standard modern German and is now found only in specific dialects. The disappearance of the dual form in the standard language can be attributed to the simplification of the grammatical system over time, as languages tend to streamline their morphological structures (Weiß, 2007, p. 63).

In Old High German, the dual was used in verbs, pronouns, and nouns, but by the Middle High German period, it began to fade, and by the Early New High German period, the dual had almost entirely disappeared from everyday usage. Today, while the dual is not used in the standard language, it persists in some regional dialects, particularly in Bavarian, Swabian, and other Southern German varieties (Günther, 2002, p. 100).

The Pragmatic Function of Number in German.

The number category in German also has a pragmatic function, as it influences the communication of quantity, definiteness, and emphasis. For instance, the use of plural in sentences can imply a more general or indefinite meaning, while singular forms can focus on individual objects or people.

1. Emphasis and Specificity:

The singular often emphasizes individuality or a specific instance, while the plural is used to refer to groups or general categories:

Singular: Ein Freund hilft mir (A friend helps me)

Plural: Freunde helfen mir (Friends help me)

2. Generalization:

Plural forms in German can be used to generalize about a class of objects or individuals, especially when combined with indefinite articles or pronouns:

Die Kinder spielen draußen (The children are playing outside) – This refers to children in general.

Conclusion. In conclusion, the grammatical category of number in German plays a crucial role in shaping both the syntax and meaning of sentences. Number influences agreement across various grammatical categories, including nouns, verbs, adjectives, and pronouns. Although the dual number has largely disappeared from the standard language, it remains an interesting feature in certain regional dialects. A detailed understanding of number and its agreement rules is essential for mastering German grammar, especially for learners of the language.

The research into the category of number in German highlights its importance not only for grammatical correctness but also for effective communication, ensuring clarity, specificity, and emphasis in both written and spoken discourse (Jäger, 2014, p. 94).

Adabiyotlar/Литература/References:

1. Klein, W. (1984). Einführung in die deutsche Grammatik (pp. 112–135). Stuttgart: Alfred Kröner Verlag. Total pages: 256.
2. Dudenredaktion. (2017). Duden: Die Grammatik (pp. 98–120). 9th ed. Mannheim: Dudenverlag. Total pages: 672.

3. Haider, H. (2010). The Syntax of German (pp. 145–162). Cambridge: Cambridge University Press. Total pages: 360.
4. Weiß, H. (2007). Morphologie und Syntax der deutschen Sprache (pp. 54–70). Berlin: Walter de Gruyter. Total pages: 480.
5. Zifonun, G., Hoffmann, L., & Strecker, S. (1997). Grammatik der deutschen Sprache (pp. 215–234). Berlin: De Gruyter. Total pages: 1196.
6. Jäger, A. (2014). The Pragmatics of Number in German (pp. 85–104). Berlin: Mouton de Gruyter. Total pages: 324.
7. Günther, H. (2002). Deutsche Grammatik: Ein Handbuch (pp. 92–106). Heidelberg: Carl Winter Universitätsverlag. Total pages: 532.
8. Löbner, S. (2000). Understanding Semantics (pp. 79–94). London: Routledge. Total pages: 396.

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mas’uliyati cheklangan jamiyati

Tahririyat manzili:
100070. Toshkent shahri, Yakkasaroy
tumani, Kichik Beshyog’och ko’chasi,
70/10-uy. Elektron manzil:
scienceproblems.uz@gmail.com
Bog’lanish uchun telefon:
(99) 602-09-84 (telegram).