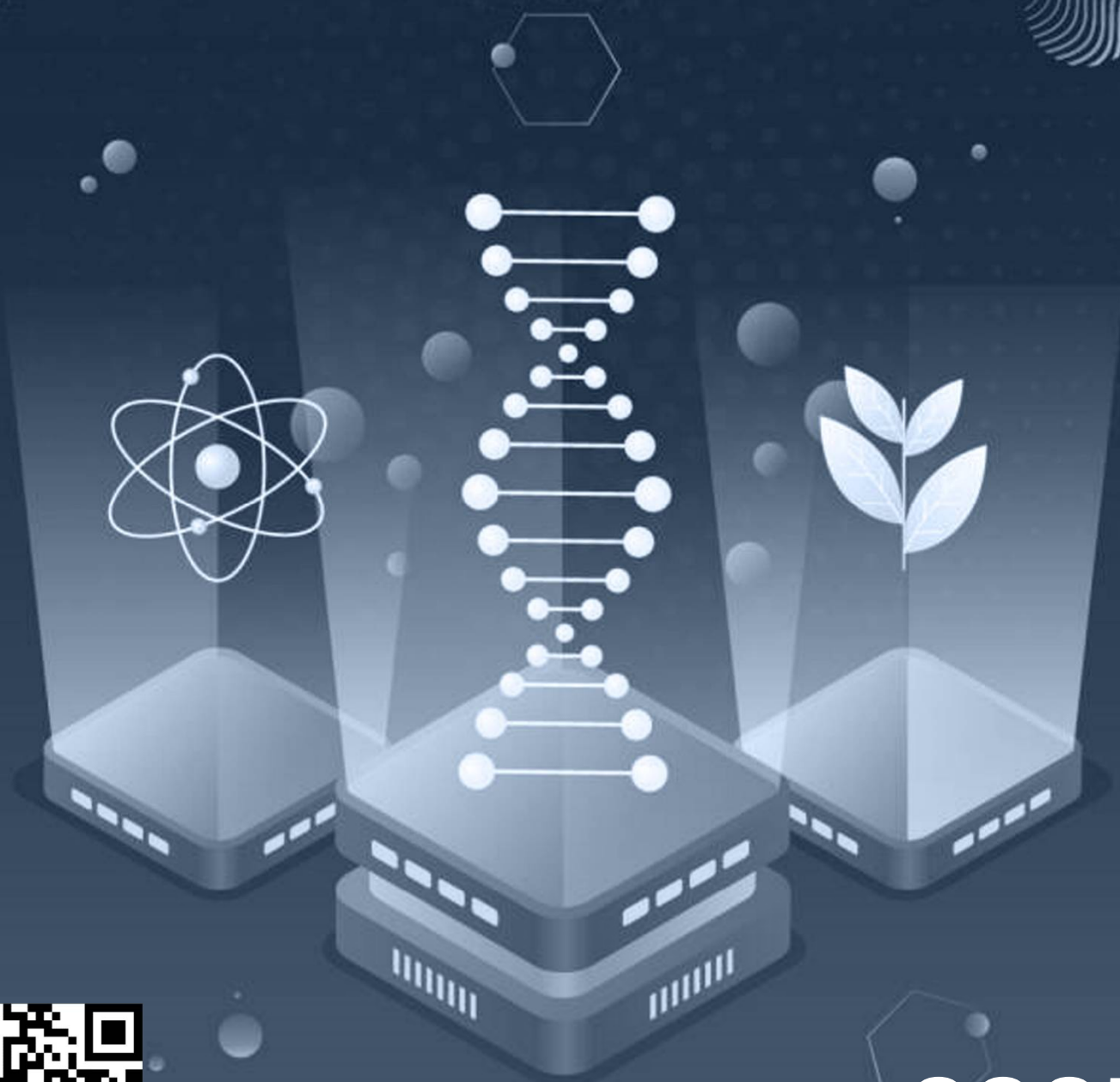


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MORPHOLOGICAL CHALLENGES IN TRANSLATING TRANSPORT TERMINOLOGY BETWEEN ENGLISH AND UZBEK



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ABSTRACT

This article explores the morphological complexities involved in translating transport-related terminology from English into Uzbek. It examines the structural differences between the two languages, focusing on compounding, affixation, and derivation processes. The study aims to identify common translation challenges and propose strategies to enhance accuracy and effectiveness in bilingual technical translations within the transport sector.

Keywords: morphology, translation, transport terminology, English, Uzbek, affixation, compounding, derivation, linguistic equivalence.

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МОРФОЛОГИЧЕСКИЕ ПРОБЛЕМЫ ПРИ ПЕРЕВОДЕ ТРАНСПОРТНОЙ ТЕРМИНОЛОГИИ МЕЖДУ АНГЛИЙСКИМ И УЗБЕКСКИМ ЯЗЫКАМИ

АННОТАЦИЯ

В этой статье рассматриваются морфологические сложности, связанные с переводом транспортной терминологии с английского на узбекский. В ней изучаются структурные различия между двумя языками, уделяя особое внимание процессам словосложения, аффиксации и деривации. Целью исследования является выявление общих проблем перевода и предложение стратегий для повышения точности и эффективности двуязычных технических переводов в транспортном секторе.

Ключевые слова: морфология, перевод, транспортная терминология, английский, узбекский, аффиксация, словосложение, деривация, лингвистическая эквивалентность.

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INGLIZ VA O'ZBEK TILIDAGI TRANSPORT TERMINOLOGIYASI TARJIMASIDAGI MORFOLOGIK QIYINCHILIKLAR

ANNOTATSIYA

Ushbu maqola transport bilan bog'liq terminologiyani ingliz tilidan o'zbek tiliga tarjima qilish bilan bog'liq morfologik murakkabliklarni o'rganadi. U ikki til o'rtasidagi strukturaviy farqlarni o'rganib,

birikma, affiksatsiya va derivatsiya jarayonlariga e'tibor qaratadi. Tadqiqot umumiy tarjima muammolarini aniqlash va transport sohasida ikki tilli texnik tarjimalarda aniqlik va samaradorlikni oshirish strategiyalarini taklif qilishga qaratilgan.

Kalit soʻzlar: morfologiya, tarjima, transport terminologiyasi, ingliz, o'zbek, affiksatsiya, birikma, hosila, lingvistik ekvivalentlik.

INTRODUCTION

Accurate translation of transport terminology is crucial for ensuring safety, efficiency, and clarity in international logistics and communication. English and Uzbek, belonging to different language families, exhibit distinct morphological structures, leading to challenges in achieving precise translations. This study investigates these morphological differences and their impact on translating transport terms from English into Uzbek.

LITERATURE REVIEW

In the languages being compared, the formation of lexical units by the method of affixation is considered one of the productive methods. This process is also relevant for transport terms in English and Uzbek, and active term formation using affixation continues.

In the morphological method of term formation, a new term is formed on the basis of one or more productive roots using word-forming affixes (Татаринов В.А., 1996, 217).

Word formation by affixation is divided into two main groups in English:

- 1) Through suffixes
- 2) Through prefixes.

In the affixation method, “suffixes and prefixes, that is, word-forming formants, reflect the smallest (minimum) word-forming, structural elements of the language” (Кубрякова Е.С., 1972, 54).

Terminological word formation has always been a conscious process (Даниленко В.П., 1977, 90). Word formation methods are a productive method that complements and enriches the vocabulary of the language (Пырамов Ш., 1972, 11). I.V.Arnold also emphasizes that word formation methods are comprehensive and have significant importance, and emphasizes that word formation through the morphological method is productive (Арнольд И.В., 1959, 106). Our idea is confirmed by the fact that 75-80% of the 65,000 words in the “Explanatory Dictionary of the Uzbek Language” are formed through word-forming suffixes using the morphological method (Usmonov S., 2007, 33).

Comrie (1981) discusses the agglutinative nature of Turkic languages like Uzbek, contrasting with the inflectional tendencies in English. Newmark (1988) emphasizes the importance of semantic accuracy in technical translations. Alautdinova (2021) analyzes the structural features of logistics lexemes, noting the prevalence of multi-component terms in English transport terminology. Anarbaev (2024) examines pragmatic translation techniques for English compound words into Uzbek, highlighting the challenges posed by linguistic and cultural disparities. Li et al. (2016) present a morpheme alignment corpus for Uzbek-English, addressing issues in machine translation due to morphological richness. Abdurakhmonova and Tuliyeu (2018) describe the development of a morphological analyzer for Uzbek, focusing on its application in machine translation systems.

METHODOLOGY

This qualitative study analyzes a corpus of 200 transport-related terms extracted from technical manuals, engineering glossaries, and bilingual dictionaries. Each term's morphological composition in English is examined and compared with its Uzbek equivalent. The analysis focuses on derivational and inflectional elements, such as prefixes, suffixes, and root combinations, to identify common translation patterns and irregularities.

RESULTS AND DISCUSSION

If we first analyze derivational mismatches following findings are found. English transport terms often utilize derivational affixes to create new words (e.g., “automated” “hydraulic”). Uzbek equivalents typically rely on auxiliary constructions or native suffixes, leading to structural

differences. For instance, “motorized vehicle” translates to “motorli transport vositasi” restructuring the phrase syntactically.

Secondly, regarding compounding challenges, compound nouns like “steering wheel” and “brake fluid” are prevalent in English. Uzbek tends to render these as analytic phrases or hyphenated compounds, such as “rul boshqaruvi” for “steering wheel”. Literal translations can result in ambiguous or culturally unfamiliar expressions.

English often compresses meaning into single lexemes (e.g., “overdrive”), whereas Uzbek requires expansion into descriptive phrases (e.g., “tezlikni oshiruvchi uzatma tizimi”). This morphological expansion poses challenges in maintaining brevity and precision.

English affixes like *-er*, *-ion*, *-ic*, and *-ize* lack direct morphological counterparts in Uzbek. For example, “injector” becomes “yoqilg'i purkagich qurilmasi” utilizing native root and suffix combinations. Translators often incorporate explanatory additions rather than one-to-one morphological substitutions. Nevertheless, some counterparts can be witnessed. For *-er* in Uzbek *-chi* can oftentimes correspond, whereas for *-ion* in Uzbek *-ish* can correspond. For instance: *driver* – *haydovchi*, *driller* – *parmalovchi*, *borer* – *yo'nuvchi*, *freighter* – *yuk tashuvchi*, *miller* – *frezalovchi*, *loader* – *yuk ortuvchi*, *grinder* – *jivirlovchi*, *moulder* – *qolipchi*, *oscillation* – *tebranish*, *titrash*, *injection* – *purkash*, *elongation* – *cho'zilish*, *automation* – *avtomatlashtirish*, *equalization* – *to'g'irlanish*.

Technical verbs in transport terminology, such as “to accelerate” or “to steer” require nominalization or paraphrasing in Uzbek. “to accelerate” becomes “tezlashtirmoq” employing the Uzbek suffix *-tir* to denote causation.

Uzbek translations sometimes adopt loanwords or hybrid constructions for new technologies, like “GPS tizimi” or “sensorli ekran”. While practical, this introduces inconsistency in morphological norms and necessitates standardization in technical glossaries.

Terms like “drive” function as both nouns and verbs in English. In Uzbek, context determines the appropriate translation: “drive” (noun) as “haydash” and “drive” (verb) as “haydamoq”. Morphological alignment depends heavily on syntactic context, complicating direct translation.

CONCLUSION

Morphological differences between English and Uzbek present unique challenges in translating transport terminology. Issues such as compound structures, derivational mismatches, and affixation gaps require strategic translation approaches, including paraphrasing, descriptive translation, and selective use of loanwords. Developing standardized morphological templates for technical fields can enhance translation consistency and reduce ambiguity.

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