

SYNTAX AND ITS MAIN UNITS. TRADITIONAL AND COGNITIVE APPROACHES IN SYNTAX

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Abstract

This comprehensive article delves syntax is a fundamental aspect of language that can be studied through multiple lenses. The traditional approach contributes structure and clarity, while the cognitive approach offers insights into the complex interaction between language, thought, and perception. Together, these perspectives deepen our understanding of the intricate relationship between syntax and the human mind, revealing language as both a rule-governed system and a reflection of cognitive processes.

Keywords: Language, communication, syntax, sentence structure, llinguistics, grammatical rules.

Introduction

Language is a fundamental aspect of human communication, allowing individuals to express a wide array of thoughts, feelings, and ideas through various forms such as spoken, written, and signed modalities. At the core of language lies syntax, which encompasses the rules and principles that govern how words are structured to form meaningful sentences. Syntax plays a vital role in linguistics, and its exploration has evolved, leading to various approaches to understanding sentence structure. Among these, the traditional approach and the cognitive approach have significantly contributed to our comprehension of syntax and its implications for language use. This article provides a detailed overview of syntax, its fundamental units, a comparative analysis of traditional and cognitive approaches, and their respective contributions to our understanding of language.

To explore the concept of syntax and its varying approaches, this article employs a qualitative review of existing literature on traditional and cognitive syntax. A comprehensive analysis was conducted on scholarly articles, books, and research papers that discuss the systematic rules of syntax from the traditional perspective, alongside those that delve into cognitive linguistics and its emphasis on cognitive processes influencing syntax. The focus was on identifying key definitions, structural units of syntax (such as words, phrases, clauses, and sentences), and the functions these elements fulfill within a sentence. Additionally, the contrasting principles of traditional syntax and cognitive syntax were examined, highlighting their methodologies and theoretical foundations.



The analysis revealed several key components of syntax as well as distinct differences between the traditional and cognitive approaches. The primary units identified in syntactic structure include:

- Words: Basic units of language classified into parts of speech, such as nouns, verbs, adjectives, and adverbs.
- Phrases: Groups of words functioning as a single unit, categorized into types such as noun phrases (NP), verb phrases (VP), adjective phrases (AdjP), adverbial phrases (AdvP), and prepositional phrases (PP).

Clauses: Units containing a subject and a predicate, which can be independent (able to stand alone) or dependent (requiring attachment to an independent clause).

Sentences: Complete structures that communicate coherent thoughts and can be classified as simple, compound, complex, or compound-complex based on their composition.

Moreover, the traditional approach to syntax emphasizes a prescriptive model that prioritizes fixed grammatical rules, focusing on categorization and the relationships between parts of a sentence. Conversely, the cognitive approach highlights the fluidity and experiential basis of syntax, proposing that syntax is shaped by cognitive processes and our interactions with the world around us.

Traditional syntax, often rooted in classical grammar, provides a structured framework for analyzing language. It relies on a prescriptive view, categorizing sentences as either correct or incorrect according to established rules. Although this prescriptive approach has advantages in language education and formal grammar analysis, it can overlook the diversity inherent in regional dialects and variations in natural speech.

On the other hand, cognitive syntax presents a more dynamic view of language, emphasizing the interplay between syntax and cognition. It recognizes that language reflects how individuals perceive, conceptualize, and interact with their environments. Cognitive linguists argue that syntax is influenced by mental models and semantic processes, enabling speakers to express similar ideas through varied syntactic choices. This approach includes theories such as Construction Grammar, which posits that syntax is constructed through conventionalized forms rather than adherence to strict rules. Such theories emphasize the importance of context, experience, and cognitive flexibility in shaping syntactic structures.

Both approaches to syntax contribute significantly to our understanding of language. While traditional syntax offers clarity and systematic categorization essential for foundational language education, cognitive syntax enriches our appreciation of language as a complex, adaptive system influenced by human cognition and experience.

Future Directions in Syntax Research

As we delve deeper into the intricacies of syntax, it is essential to consider future directions for research that build upon the foundations of traditional and cognitive approaches. The evolving nature of language, influenced by technological advancements and sociocultural shifts, presents a rich avenue for investigations into syntax that incorporate diverse methodologies and interdisciplinary approaches.

With the advent of natural language processing (NLP) and machine learning, researchers can leverage these tools to analyze large corpora of language data. This allows for a more



comprehensive examination of language use across diverse contexts and regions. Employing algorithmic models and statistical methods can yield insights into syntactic patterns that traditional analysis might overlook. For example, utilizing AI-driven models to explore syntactic variations in social media communication can enhance our understanding of contemporary language dynamics. The recognition of multimodality—the integration of verbal and non-verbal communication, such as gestures, body language, and visual elements—presents an exciting frontier in syntax research. Investigating how syntax operates within multimodal contexts can provide new insights into how meaning is constructed in face-to-face interactions, digital communication, and other environments where language is supplemented by visual or tactile elements. Understanding syntactic structures in multimodal settings can deepen our comprehension of how individuals convey complex ideas beyond spoken or written language alone. While traditional and cognitive approaches to syntax have primarily focused on specific languages, future research should emphasize cross-linguistic studies. Investigating how syntactic structures vary across languages can highlight the universality and specificity of syntactic principles. Such research can lead to a better understanding of language typology and the cognitive processes that underpin linguistic structures. By examining languages that diverge significantly from one another, researchers can identify shared syntactic patterns and unique constructions, contributing to a more global understanding of syntax. The intersection of syntax and neurolinguistics offers another rich area for inquiry. Understanding how syntactic structures are processed in the brain can shed light on the cognitive mechanisms that facilitate language comprehension and production. Neuroscientific studies employing techniques like fMRI and ERP can help visualize how different areas of the brain engage with various syntactic constructions. This research can reveal how syntax operates in real-time communication and the cognitive load associated with different syntactic complexities. Language is not static; it evolves over time, influenced by cultural and social dynamics. Therefore, it is crucial to study syntax in the context of language change, paying attention to how syntactic structures adapt and transform in response to shifts in society and technology. Investigating phenomena such as language contact, code-switching, and the effects of globalization on syntax can provide insights into the resilience and adaptability of syntactic frameworks in a rapidly changing linguistic landscape. As both traditional and cognitive approaches to syntax offer valuable insights, future research should also focus on their implications for language education. Understanding how diverse approaches to syntax influence language acquisition and teaching practices can enhance pedagogical strategies. Developing curricula that integrate both prescriptive and descriptive elements can help learners appreciate the richness of language structure while understanding the contextual variability of syntax in real-world communication. In summary, syntax serves as a crucial element in the structure of language, providing the framework through which communication occurs. The traditional and cognitive approaches to syntax offer differing perspectives that complement each other in our understanding of language. The traditional approach provides a solid foundation for analyzing sentence structure and grammar, while the cognitive approach highlights the intricate relationship between language and cognition. By recognizing the strengths and limitations of each perspective, we can gain a more comprehensive understanding of how syntax functions within language and how it reflects the cognitive processes of its users.



The insights presented in this article are rooted in a variety of scholarly works and contributions from linguists and cognitive scientists who have dedicated their research to understanding the complexities of syntax and its role in language. Special thanks are extended to those whose foundational theories and empirical studies have informed this comparative analysis. Their work continues to inspire ongoing exploration in the fields of linguistics and cognitive science.

RERERENCES

1. Teshaboyeva, N., & Mamayoqubova, S. (2020). COMMUNICATIVE APPROACH TO LANGUAGE TEACHING. In МОЛОДОЙ ИССЛЕДОВАТЕЛЬ: ВЫЗОВЫ И ПЕРСПЕКТИВЫ (pp. 409-414).
2. Teshaboyeva, N. (2020). LINGUISTIC PERSONALITY, ITS STRUCTURAL CHARACTERISTICS IN THE NEW PERSPECTIVE DIRECTIONS. In МОЛОДОЙ ИССЛЕДОВАТЕЛЬ: ВЫЗОВЫ И ПЕРСПЕКТИВЫ (pp. 415-420).
3. Teshaboyeva, N. Z. (2019). TEACHING ENGLISH THROUGH LITERATURE INTESL AND TEFL CLASSROOMS. In СОВРЕМЕННЫЕ ТЕХНОЛОГИИ: АКТУАЛЬНЫЕ ВОПРОСЫ, ДОСТИЖЕНИЯ И ИННОВАЦИИ (pp. 82-84).
4. Хидирова, Д., & Тешабоева, Н. (2022). Pedagogical conditions for the development of the healthy thinking in students. Zamonaviy innovatsion tadqiqotlarning dolzarb muammolari va rivojlanish tendensiyalari: yechimlar va istiqbollar, 1(1), 120-122.
5. Gaybullayeva, N. D. K., & Kizi, T. N. Z. (2022). THE ROLE OF INNOVATIVE METHODS FOR LISTENING COMPREHENSION IN TEACHING LANGUAGE LEARNERS FOREIGN LANGUAGES AND MAINLY ENGLISH. Central Asian Research Journal for Interdisciplinary Studies (CARJIS), 2(10), 8-10.
6. Teshaboyeva Nafisa Zubaydulla qizi, Jurayev Muhammadrahim Murod o'g'li, & Mamirova Munisa Rajab qizi. (2021). Language Learning Culturally and the Role of Literature in Teaching Process. Central Asian Journal of Theoretical and Applied Science, 2(3), 1-5. Retrieved from <https://www.cajotas.centralasianstudies.org/index.php/CAJOTAS/article/view/84>
7. Teshaboyeva, N. (2023). THE IMPORTANCE OF TOURISM IN PRESENT DAY. Журнал иностранных языков и лингвистики, 5(5).
8. Teshaboyeva, N. (2023). THE MODERN INNOVATIVE TECHNOLOGIES IN TEACHING FOREIGN LANGUAGES. Журнал иностранных языков и лингвистики, 5(5).
9. Teshaboyeva, N. Z. (2023, November). Adjective word group and its types. In "Conference on Universal Science Research 2023" (Vol. 1, No. 11, pp. 59-61).
10. Teshaboyeva, N. Z. (2023, November). Modifications of Consonants in Connected speech. In "Conference on Universal Science Research 2023" (Vol. 1, No. 11, pp. 7-9).
11. Teshaboyeva, N., & Rayimberdiyev, S. (2023, May). THE IMPORTANCE OF USING MULTIMEDIA TECHNOLOGY IN TEACHING ENGLISH CLASSES. In Academic International Conference on Multi-Disciplinary Studies and Education (Vol. 1, No. 8, pp. 149-153).
12. Nafisa, T., & Marina, S. (2023). TEACHING AND LEARNING OF ENGLISH VOCABULARY IN TESL AND TEFL CLASSROOMS. International Journal of



- Contemporary Scientific and Technical Research, 465-469.
13. Ibrohimovna, X. M. (2023). The Importance of Methods in Language Teaching Process. Web of Scholars: Multidimensional Research Journal, 2(1), 20-23.
 14. Тешабоева, Н. (2023). Teaching writing as a major part of productive skills in mixed ability classes . Информатика и инженерные технологии, 1(2), 652–656. извлечено от <https://inlibrary.uz/index.php/computer-engineering/article/view/25759>
 15. Ambruster, P., Patel, M., Johnson, E., & Weiss, M. (2009). Active learning and student-centered pedagogy improve student attitudes and performance in introductory biology. CBE – Life Sciences Education, 8 (3), 203-213.
 16. Cranton, P. (2012). Planning instruction for adult learners (3rd Ed.). Toronto: Wall & Emerson.
 17. Marton, F., & Saljo, R. (1976). On qualitative differences in learning: I □ outcomes and process. British Journal of Educational Psychology, 46 (1), 4-11.
 18. McCarthy, J. P., & Anderson, L. (2000). Active learning techniques versus traditional teaching styles: Two experiments from history and political science. Innovative Higher Education, 24 (4), 279-294.

