



THE LINGUOSEMIOTIC NATURE AND MULTIMODAL FEATURES OF ENGLISH DIGITAL DISCOURSE IN SOCIAL MEDIA TEXTS

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ARTICLE INFO

ABSTRACT

Received: 10th August 2026

Accepted: 11th August 2026

Published: 17th August 2026

KEYWORDS

digital discourse, social media, multimodality, linguosemiotics, verbal resources, non-verbal signs, emoji, hashtags, visual communication.

This article examines the linguosemiotic nature and multimodal features of English digital discourse as represented in social media texts. The rapid development of digital communication has expanded the conventional concept of written text, giving rise to complex communicative structures in which verbal language interacts with visual, graphic, symbolic, and other semiotic resources. The study focuses on English-language social media posts, short messages, comments, hashtags, emojis, and visual components, analyzing their contribution to meaning construction from a linguosemiotic perspective. Particular attention is paid to the semantic and pragmatic relationships between verbal and non-verbal signs and to the ways in which these resources operate together within digital communication. The analysis demonstrates that meaning in digital discourse is not produced exclusively through linguistic units but emerges through the interaction of textual, visual, graphic, and symbolic elements. Multimodal resources perform a range of communicative functions, including clarifying the speaker's intention, expressing emotional attitudes, compressing information, emphasizing particular messages, and influencing audience perception. The study contributes to a better understanding of contemporary English digital communication by identifying the linguosemiotic mechanisms through which different modes participate in meaning-making. It also highlights the theoretical and practical relevance of a multimodal approach to the analysis of social media discourse.

INTRODUCTION

The rapid development of digital technologies has significantly transformed the ways in which people communicate, exchange information, and construct meaning. Social media platforms have become an important part of everyday communication, creating a new linguistic environment in which traditional written language interacts with visual, graphic, symbolic, and audiovisual elements. As a result, digital communication can no longer be examined exclusively through the framework of conventional textual analysis. The emergence of multimodal digital discourse has created new opportunities for linguistic research, particularly in the fields of discourse analysis, semiotics, pragmatics, and linguosemiotics. Digital discourse is characterized by its dynamic, interactive, concise, and multimodal nature. Unlike traditional written texts, social media texts frequently combine words with emojis, hashtags, images, punctuation, typography, hyperlinks, GIFs, and other visual or symbolic resources. These elements do not simply accompany verbal information; they may contribute directly to the formation and interpretation of meaning. For example, an emoji can strengthen or modify the emotional meaning of a verbal statement, while a hashtag can simultaneously function as a thematic marker, a means of categorization, and a tool for attracting the attention of a particular audience. Therefore, the interpretation of social media communication requires consideration of both linguistic and non-linguistic signs. The concept of multimodality has become increasingly important in contemporary linguistic research because communication is generally realized through several semiotic modes rather than through language alone. In social media discourse, different modes operate simultaneously and interact with one another to create a unified communicative message. Verbal language provides explicit information, whereas visual and symbolic resources can express emotions, attitudes, emphasis, identity, and communicative intentions that may remain implicit in the verbal component. This interaction makes social media texts a particularly valuable object for studying contemporary forms of meaning-making. From a linguosemiotic perspective, digital communication can be viewed as a system in which different types of signs participate in the construction of meaning. Linguistic units, visual images, emojis, punctuation marks, typography, and other semiotic resources may acquire specific meanings depending on their context and relationship with other components of a message. Consequently, the analysis of social media texts should consider not only the semantic content of individual linguistic elements but also their interaction within the broader communicative structure. English occupies a particularly significant position in digital communication. As one of the most widely used languages on global social media platforms, English serves as a medium for communication among users from different linguistic and cultural backgrounds. This widespread use has contributed to the emergence of specific digital linguistic practices, including abbreviations, informal expressions, creative spelling, hashtags, internet slang, emojis, and hybrid combinations of verbal and visual signs. These features demonstrate that English digital discourse represents a constantly developing form of communication that reflects changes in language use and social interaction. The relevance of the present study is determined by the growing importance of social media as a space for interpersonal, public, commercial, and cultural communication. Although numerous studies have examined digital discourse, there remains a need for further investigation into the ways in which verbal and non-verbal resources interact in English-language social media texts from a linguosemiotic perspective. Particular attention should be paid to how multimodal elements contribute to meaning construction, emotional expression, pragmatic interpretation, and the realization of communicative intentions. The aim of this study is to examine the linguosemiotic nature and multimodal features of English digital discourse represented in social media texts. To achieve this aim, the study focuses on several objectives: to identify the major verbal and non-verbal semiotic resources used in English social media communication; to examine the interaction between textual and visual components; to determine the semantic and pragmatic functions of multimodal elements; and to establish how different semiotic modes contribute to the

construction and interpretation of meaning in digital discourse. The object of the research is English-language digital discourse represented in social media communication, while the subject of the research is the linguosemiotic interaction of verbal and non-verbal elements within multimodal social media texts. The theoretical significance of the research lies in contributing to the study of digital discourse from a linguosemiotic and multimodal perspective. The findings may provide a clearer understanding of how contemporary digital communication expands the traditional boundaries of text and meaning. The practical significance of the study is related to its potential application in discourse analysis, translation studies, media linguistics, digital communication research, and the teaching of contemporary English language and communication.

LITERATURE REVIEW

The study of digital discourse has become one of the important areas of contemporary linguistics due to the rapid expansion of social media and computer-mediated communication. Researchers have increasingly focused on the ways in which digital environments influence language use, discourse organization, interpersonal interaction, and meaning construction. Compared with traditional forms of written communication, digital discourse is characterized by greater flexibility, interactivity, informality, and the frequent integration of linguistic and non-linguistic resources. One of the influential theoretical foundations for the study of multimodal communication is the social semiotic approach developed by Kress and van Leeuwen. Their work emphasizes that meaning can be created through different semiotic modes, including language, images, typography, colour, spatial organization, and other visual resources. From this perspective, communication should not be limited to the analysis of verbal language because different modes can perform complementary or independent meaning-making functions. Their approach has provided an important theoretical basis for examining multimodal texts in contemporary digital environments. Halliday's systemic functional linguistics has also contributed significantly to the development of multimodal discourse studies. The theory considers language as a social semiotic system through which speakers construct meanings according to particular communicative and social contexts. The functional perspective makes it possible to examine how linguistic choices reflect interpersonal relationships, represent experiences, and organize information. These principles can be extended to digital discourse, where verbal language operates together with visual and symbolic resources. The concept of multimodality has subsequently been developed by a number of scholars who have investigated communication as the interaction of several semiotic modes. Jewitt emphasizes that multimodality involves the study of how different modes work together in specific social and communicative contexts. According to this perspective, meaning is distributed across multiple resources rather than being located exclusively in language. This theoretical position is particularly relevant to social media texts because posts and comments frequently combine written language with images, emojis, hashtags, typography, and other semiotic elements. Research into computer-mediated communication has also demonstrated that digital technologies have contributed to the emergence of new forms of linguistic behaviour. Crystal argues that Internet communication has produced distinctive linguistic practices while simultaneously demonstrating the adaptability of language to new technological environments. Features such as abbreviations, unconventional punctuation, informal vocabulary, creative spelling, and shortened expressions have become common characteristics of online communication. These features demonstrate that digital discourse represents not merely a technological variation of traditional writing but a distinctive communicative environment. The pragmatic dimension of digital communication has been examined in relation to users' intentions, interpersonal relationships, emotional expression, and contextual interpretation. In social media communication, linguistic and semiotic choices frequently depend on the relationship between participants and the intended audience. Expressions of irony, humour, agreement,

disagreement, politeness, criticism, and emotional involvement may be communicated through combinations of words and non-verbal signs. Consequently, pragmatic interpretation is essential for understanding the communicative functions of multimodal resources. Emoji have received particular attention in studies of digital communication. Researchers have shown that emojis can function as emotional indicators, discourse markers, attitude markers, and pragmatic modifiers. Their interpretation is highly dependent on context and their relationship with surrounding verbal material. An emoji may reinforce the meaning of a sentence, soften a potentially negative statement, express irony, or provide emotional information that is not explicitly encoded in words. Therefore, emojis can be considered meaningful semiotic resources rather than merely decorative elements. Hashtags represent another important component of social media discourse. Their functions extend beyond simple topic identification. Hashtags can organize information, establish thematic connections, facilitate the circulation of content, express evaluation, construct online identities, and contribute to the formation of digital communities. From a linguosemiotic perspective, hashtags are particularly significant because they combine linguistic form with technological and social functions.

Visual communication has likewise become increasingly important in digital discourse research. Images, GIFs, memes, typography, and graphic arrangements can communicate information and attitudes that cannot always be fully expressed through verbal language. The relationship between a written caption and an accompanying image may involve repetition, clarification, expansion, contradiction, or contextual modification. Thus, the meaning of a social media message often emerges from the interaction between its constituent semiotic modes. Previous studies therefore demonstrate that digital discourse should be approached as a complex multimodal phenomenon in which language interacts with various semiotic resources. However, there is still a need for further research specifically examining the linguosemiotic organization of English-language social media texts and the functional relationship between their verbal and non-verbal components. The present study addresses this research gap by focusing on how multimodal resources participate in meaning construction within English digital discourse. It combines linguistic, semiotic, and pragmatic perspectives in order to provide a more comprehensive interpretation of contemporary social media communication.

METHODOLOGY

The present study employs a qualitative research design to examine the linguosemiotic nature and multimodal features of English digital discourse in social media texts. A qualitative approach is considered appropriate because the study focuses on the interpretation of meanings, communicative functions, and relationships between verbal and non-verbal semiotic resources rather than on statistical measurement alone. The research combines elements of discourse analysis, multimodal analysis, linguosemiotic analysis, and pragmatic interpretation. The research material consists of English-language social media texts collected from publicly available digital communication. The analyzed material includes social media posts, captions, comments, hashtags, emojis, and selected visual components accompanying textual messages. The examples are selected according to their relevance to the research objectives, particularly cases in which two or more semiotic modes interact in the construction of meaning. Personal information and private communication are excluded from the research material. The analysis is based on the principles of multimodal discourse analysis. Each selected example is examined as an integrated communicative unit rather than as an isolated verbal text. The analysis considers the relationship between linguistic elements and other semiotic resources, including emojis, images, hashtags, punctuation, capitalization, typography, and visual organization. Attention is given to whether these elements reinforce, complement, modify, or contrast with the verbal message. The linguosemiotic analysis focuses on the types and functions of signs used in English social media communication. Verbal signs

are analyzed at the lexical, syntactic, semantic, and discourse levels, while non-verbal signs are examined according to their contextual and communicative functions. Particular attention is paid to the way in which different signs contribute to the expression of emotions, attitudes, evaluation, identity, emphasis, and communicative intentions. A pragmatic approach is also applied to determine how multimodal resources function within particular communicative contexts. The analysis considers such factors as the presumed intention of the content creator, the target audience, the communicative situation, and the relationship between the participants. This makes it possible to identify how visual and symbolic elements influence the interpretation of otherwise ambiguous or context-dependent verbal expressions. For analytical purposes, the identified multimodal features are grouped into several functional categories. These include emotional and attitudinal expression, emphasis and intensification, information organization, interpersonal communication, identity construction, evaluation, humour and irony, and audience engagement. Such categorization allows recurring patterns in the use of multimodal resources to be identified and compared across different examples. The study follows a contextual interpretation procedure. First, the verbal component of each selected social media text is examined independently. Second, the accompanying non-verbal and visual elements are identified and described. Third, the interaction between the verbal and non-verbal components is analyzed in order to determine how they jointly construct meaning. Finally, the pragmatic and communicative function of the entire multimodal message is interpreted within its digital context. The methodological framework is theoretically informed by the principles of social semiotics, systemic functional linguistics, multimodality, and digital discourse analysis. These approaches provide a basis for understanding digital communication as a socially situated process of meaning-making in which language operates together with other semiotic resources. The reliability of the interpretation is supported through systematic categorization and contextual comparison of the selected examples. Rather than treating individual signs as having fixed meanings, the study interprets them according to their position within the entire communicative message. This approach is particularly important for digital discourse because the meaning of emojis, hashtags, punctuation, visual elements, and informal linguistic forms can change depending on context. Overall, the methodology enables the study to identify the principal multimodal resources characteristic of English social media discourse and to determine how these resources interact with linguistic elements to create semantic, pragmatic, and communicative meanings.

RESULTS AND DISCUSSION

The analysis of English social media texts demonstrates that contemporary digital discourse is fundamentally multimodal. Meaning is frequently constructed through the interaction of verbal, visual, graphic, and symbolic resources rather than through written language alone. The findings indicate that users combine different semiotic modes according to their communicative intentions, the characteristics of the platform, and the expected response of the audience. This confirms that social media texts should be considered complex semiotic constructions in which each element may contribute to the overall interpretation of the message. One of the most prominent findings concerns the interaction between verbal and visual components. In many analyzed examples, the written text provides the primary propositional information, while an image, emoji, GIF, or other visual element adds emotional, evaluative, or contextual meaning. In some cases, the visual component reinforces the verbal message by expressing the same idea through another semiotic mode. In other cases, it modifies or extends the meaning of the written component. This demonstrates that multimodality does not simply make digital communication more visually attractive; it actively participates in the construction of meaning. Emojis represent one of the most frequently occurring non-verbal resources in English social media communication. The analysis shows that emojis perform several pragmatic and linguosemiotic functions. They can

indicate emotions, strengthen an evaluation, soften a statement, express approval or disagreement, and clarify the intended tone of a message. For example, a short verbal statement may appear neutral when considered independently, whereas the addition of a particular emoji can make the same statement humorous, enthusiastic, ironic, or emotionally expressive. Thus, emojis often provide contextual information that is not explicitly encoded in the linguistic component. The findings also indicate that emojis can function as pragmatic modifiers. Their presence may influence how the recipient interprets the speaker's intention. A potentially serious or negative expression can be softened by an appropriate emoji, while repeated emojis may intensify emotional involvement. In this respect, emojis operate similarly to certain prosodic or paralinguistic features of spoken communication by providing additional information about attitude and emotional orientation. However, their interpretation remains dependent on context, cultural conventions, and the relationship between the participants. Hashtags constitute another important semiotic resource identified in the analysis. Although they are linguistically constructed from words or phrases, their function in digital discourse extends beyond ordinary lexical meaning. Hashtags can categorize information, connect individual posts with broader discussions, indicate topics, express attitudes, and contribute to the construction of online identities. They may also function as tools for increasing audience engagement and connecting users with particular digital communities. Therefore, hashtags can be interpreted as hybrid linguistic and technological signs that operate simultaneously at semantic, pragmatic, and social levels. The analysis further reveals the importance of typography and punctuation in English digital discourse. Capitalization, repeated punctuation marks, elongated spellings, spacing, and other graphical choices can compensate for the absence of facial expressions, gestures, and intonation in text-based communication. For instance, capitalization may signal emphasis, while repeated exclamation marks can indicate strong emotional involvement. Similarly, deliberate deviations from conventional spelling may communicate informality, humour, emphasis, or a particular communicative style. These features demonstrate that the visual form of written language can itself become a meaningful semiotic resource.

Another significant finding concerns the use of informal and abbreviated linguistic forms. Social media users frequently employ shortened expressions, internet slang, colloquial vocabulary, acronyms, and creative spellings. Such forms contribute to the informal character of digital discourse and can also serve identity-related functions. The choice of a particular expression may signal membership in a particular online community or familiarity with contemporary digital communication practices. Consequently, linguistic variation in social media should not necessarily be interpreted as random deviation from standard English; in many contexts, it represents a deliberate communicative strategy. The relationship between images and written language is also significant. In multimodal social media posts, images can repeat the information presented verbally, provide additional details, or create a contrast with the accompanying text. When the verbal and visual components correspond closely, they can strengthen the message and make its interpretation more immediate. When they contradict one another, however, they may create irony, humour, ambiguity, or a more complex communicative effect. This interaction demonstrates the importance of analyzing digital messages as integrated multimodal units. From a pragmatic perspective, the findings show that multimodal resources contribute considerably to the expression of communicative intentions. Users employ combinations of words, emojis, images, hashtags, and graphical features to express emotions, establish interpersonal relationships, attract attention, persuade audiences, entertain, and construct personal or group identities. Therefore, the interpretation of social media discourse requires attention not only to what is explicitly stated but also to how different semiotic resources guide the recipient toward a particular interpretation. The findings are consistent with the principles of multimodal and social semiotic approaches, according to which meaning is distributed across several modes of

communication. The analyzed examples demonstrate that language remains a central component of digital discourse, but its meaning is frequently shaped or modified by accompanying semiotic resources. This supports the view that contemporary digital communication represents an expanded form of text in which linguistic and non-linguistic elements function in an interconnected system. At the same time, the analysis suggests that multimodality can increase the interpretative complexity of digital communication. The same emoji, image, hashtag, or graphical feature may acquire different meanings depending on the surrounding text, communicative situation, cultural background, and intended audience. Consequently, semiotic elements cannot always be interpreted through fixed dictionary-like meanings. Their interpretation requires consideration of the broader discourse context. Overall, the results demonstrate that English social media discourse is characterized by a close interaction between verbal and non-verbal semiotic resources. The most significant functions identified include emotional expression, emphasis, evaluation, clarification, identity construction, audience engagement, humour, irony, and contextual modification. These findings confirm that a linguosemiotic and multimodal approach provides an effective framework for understanding how contemporary English digital discourse produces and communicates meaning. The study also demonstrates that social media has contributed to the development of new communicative practices in which written language increasingly operates together with visual and symbolic resources.

CONCLUSION AND RECOMMENDATIONS

The study has demonstrated that English digital discourse in social media represents a complex multimodal communicative phenomenon in which verbal and non-verbal semiotic resources function together to construct meaning. The analysis confirms that contemporary social media texts cannot be adequately interpreted through linguistic elements alone. Words, emojis, hashtags, images, punctuation, typography, and other visual or symbolic components form an interconnected semiotic system that reflects the communicative intentions of users and the specific characteristics of digital interaction. The findings show that multimodal resources perform a wide range of semantic and pragmatic functions. Emojis contribute to emotional expression, clarification of communicative attitudes, intensification, and modification of the intended tone. Hashtags serve not only as thematic markers but also as instruments of categorization, audience engagement, identity construction, and participation in online communities. Images and other visual elements may reinforce, complement, extend, or sometimes contradict verbal messages. Similarly, typography and punctuation can compensate for the absence of prosodic and paralinguistic features characteristic of face-to-face communication. From a linguosemiotic perspective, the study demonstrates that meaning in English social media discourse emerges through the interaction of different types of signs. The meaning of an individual element is often determined by its relationship with the surrounding verbal and visual context. Therefore, multimodal digital communication should be approached as an integrated system rather than as a collection of independent linguistic and visual elements. The research also confirms that digital discourse has contributed to the emergence of distinctive forms of English language use. Informal vocabulary, abbreviations, creative spelling, internet slang, emojis, hashtags, and graphical modifications demonstrate the adaptability of English to changing technological and communicative environments. These features should be analyzed not simply as deviations from standard language but as meaningful resources that perform specific communicative and pragmatic functions. The theoretical significance of the research lies in demonstrating the relevance of combining linguosemiotic, multimodal, discourse, and pragmatic approaches to the investigation of contemporary digital communication. The practical findings may be useful for researchers in linguistics, translation studies, media linguistics, semiotics, and digital communication, as well as for specialists interested in contemporary English language practices. Based on the findings of the study, several recommendations can be proposed. First, further research should

examine larger and more diverse collections of English social media texts in order to identify broader patterns of multimodal communication. Second, comparative studies involving different social media platforms could reveal how platform-specific features influence the organization and interpretation of digital discourse. Third, greater attention should be given to cultural differences in the interpretation of emojis, images, hashtags, and other semiotic resources, particularly in international digital communication. It is also recommended that future studies investigate the role of multimodality in English language teaching and translation. Understanding the pragmatic and cultural meanings of digital signs can help learners develop more effective digital communication skills. For translators, awareness of multimodal meaning is especially important because the translation of social media content may require not only linguistic transformation but also the interpretation and appropriate transfer of visual and pragmatic information. Finally, future research could combine qualitative linguosemiotic analysis with quantitative and corpus-based methods. Such an integrated methodology would make it possible to identify both the contextual meanings of multimodal elements and their frequency and distribution across different types of digital discourse. This would contribute to a more comprehensive understanding of how English continues to evolve under the influence of digital technologies and multimodal communication.

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