

## SECTION 3. ROMANCE, GERMANIC, AND OTHER LANGUAGES

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### SCIENTIFIC-TECHNICAL DISCOURSE: LINGUISTIC PECULIARITIES

### НАУКОВО-ТЕХНІЧНИЙ ДИСКУРС: ЛІНГВІСТИЧНІ ОСОБЛИВОСТІ

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Scientific and technical achievements in the modern world are an integral part of society, and our knowledge of the surrounding reality is gained precisely through the prism of the perception of such discoveries. The constant movement of science, its development, progress and corresponding changes lead to the appearance of new specific terms, phrases and idiomatic expressions related to scientific and technical discourse. Therefore, linguists face the need to study the structural and lexical peculiarities of this discourse, including newly created linguistic units.

It should be noted that it is the scientific-technical discourse as an object of linguistic science that undergoes dynamic changes in relation to unceasing scientific and technical progress, and it requires the constant attention of linguists [2; 5]. There arises a problem of analysis, description and clarification of the structural and linguistic characteristics of scientific-technical discourse.

The paper [1] examines the specifics of the definition of the term “scientific-technical discourse” within the framework of the general linguistic phenomenon “discourse”, describes and classifies its linguistic features based on the material of scientific articles and engineering monographs. The work defines the concept of “scientific-technical discourse” within the framework of the general linguistic phenomenon “discourse” according to [4; 6]. It is noted that the scientific-technical discourse as the status-oriented one is used in an institutionally specified

type of communication and serves for the exchange of scientific and technical information. Its pragmatic orientation and informativeness affect the linguistic and structural peculiarities of the scientific-technical text.

We highlight that scientific-technical texts realize the cognitive functions of communicators, therefore the text and discourse are as close as possible to each other in the field of scientific and technical information.

The paper [1] points out, distinguishes and analyses the following features of scientific-technical engineering discourse: informativeness, accuracy and logical sequence of presentation; abbreviations; availability of drawings, tables, sketches, formulas, calculations; specific terminology; use of linguistic clichés; neologisms; unification of syntactic groups; active use of modal verbs, passive voice and imperatives. Illustrative examples are provided, the source of which are scientific-technical articles, monographs, manuals, engineering instructions, for example, such as [3].

Awareness, understanding and correct interpretation of both new and existing linguistic elements of scientific-technical discourse are of practical value, as they facilitate and make the work process of specialists in their field of activity easier and more efficient, as well as contribute to the successful interaction between ordinary people and modern technologies.

Thus, scientific-technical discourse is a subtype of institutional discourse and, like any other linguistic phenomenon, it has its own linguistic peculiarities. The linguistic features of the written scientific-technical engineering discourse are identified and analyzed in [1], which allows further research of this phenomenon, for example, the study of its extralinguistic peculiarities.

We also consider the study of linguopragmatic and linguocognitive aspects of scientific-technical engineering discourse to be promising directions for further work.

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