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WORLDVIEW ASPECTS OF SYMMETRY AND CONSERVATION LAWS IN THERMODYNAMICS

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ABSTRACT

The article discusses the stages of development of the concept of symmetry, conservation laws, entropy and dissymmetry, its characteristic functions in the form of conservation laws and principles of symmetry imposed on certain processes under certain conditions. In connection with the ideological aspect, attention is drawn to the congruence inherent in synergetic constructions and constructions based on dissymmetry. The task of the theoretical substantiation of the conservation laws is determined not only to reveal from the connection with each other, with the structure of fields, with such universal principles as the principle of the non-creativity and indestructibility of matter and motion and the principle of the unity of the attributes of matter.

KEYWORDS: *Symmetry, Asymmetry, Dissymmetry, Thermodynamics, Energy, Momentum, Inertia, Matter, Motion, Conservation Laws, Entropy, Synergetics.*

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