

Notion of territorial system's structure and some approaches to their modeling

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Abstract

Development, forming and functioning of the territorial systems of each level of hierarchy and form are complicated and durable processes. The notion of stability occupies the central place and connects with the presence in territorial system some unchangeable invariant, which serves as a starting point of stability. As an example of such invariant (the base carrier of invariant on time characteristics) the usage of structural sistem is proposed. Assignment of territorial system's structure as a function carrier and simultaneous as an invariant in time permits to state the question of the system management by influence on the structure. Ability of the structure for improvement mainly determines peculiarities of the territorial system's behavior and possibilities of their management. Proposed approach permits to use for modeling structure (general and special) multitude theory, which in one tern gives the possibility to determine the corresponding models and modeling structures, pick up special structures in accordance to their inner condition, use their different combinations as multitude of relations and multitude of operations as a base for the modeling structures, etc.
