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# Formalization of the process of functioning of complex discrete devices on the basis of macromodels of functional blocks

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*Article considers the question of hierarchical modeling of complex discrete using macromodel devices at the level of the functional units for analysis and control of the correctness of their functioning in the early stages of development and designing. Provides a macro model of the functional block of the complex discrete structure, formalized the logical sequential scheme.*

**Keywords:** *hierarchical modeling, macro function blocks complex discrete structure, logical and sequential circuits.*

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