

# MATHEMATICAL MODELLING OF THE CONTENT OF ELECTRONIC EDUCATIONAL RESOURCES

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Rules of constructing models of the content of electronic educational resources based on tree oriented graphs are formulated. Mathematical properties of these models are discussed and their integral characteristics are introduced. The proposed approach to content modeling is in good agreement with the SCORM international specifications of electronic education, it complements them with target indicators, algorithms of didactic designing and analysis of educational materials.

*Electronic education, electronic educational resources, structurization of educational material, content model, tree oriented graphs, SCORM.*

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