

IMPLEMENTATION AND USAGE PROSPECTS OF ODE-APPROXIMATIONS OF DYNAMIC AGROECOLOGICAL MODELS

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The methodic of implementation of simplified analogues for dynamic models in the class of ordinary differential equation systems is presented. The principles of their structural adaptation on extended scope of agroecological conditions and their application in the tasks of optimal agricultural management are considered.

Keywords: *dynamic models of agroecosystem, operator complements, structural adaptation, systems of ordinary differential equations*