
Increasing the system efficiency of the control over the innovative material development

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The article discusses the problem of optimization of production costs by increasing the efficiency of control and diagnostic operations in the development and manufacture of new innovative materials. Two alternatives of reliability structural schemes are considered for the corresponding mathematical models of assessing the quality of the product. The role of implementing technological innovations in production and the need of choosing the optimal product quality control structure at all stages of the product life cycle in order to ensure effective economic indicators is emphasized.

Keywords: technical innovations, reduction of costs, control and diagnostic operations, product competitiveness.

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