

ANALYSIS OF METHODS FOR STABILIZATION FLOW PARAMETERS OF THE PRODUCTION LINE

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The report discusses methods for stabilizing the flow parameters of a production line with a flow method of organizing production. The relationship between the microscopic and macroscopic levels of the description of the production line is presented. Models of the flow description of stabilization of a controlled production process based on the kinetic representation of the technological process are analyzed [1]. A technique for constructing a distributed model of a production line is presented [2]. A synthesis mechanism is given for an algorithm of optimal stabilization of interoperative backlogs of a production line and an algorithm for stabilization of flow parameters that determine the productivity of a technological operation of a production line (Fig.1) [3].

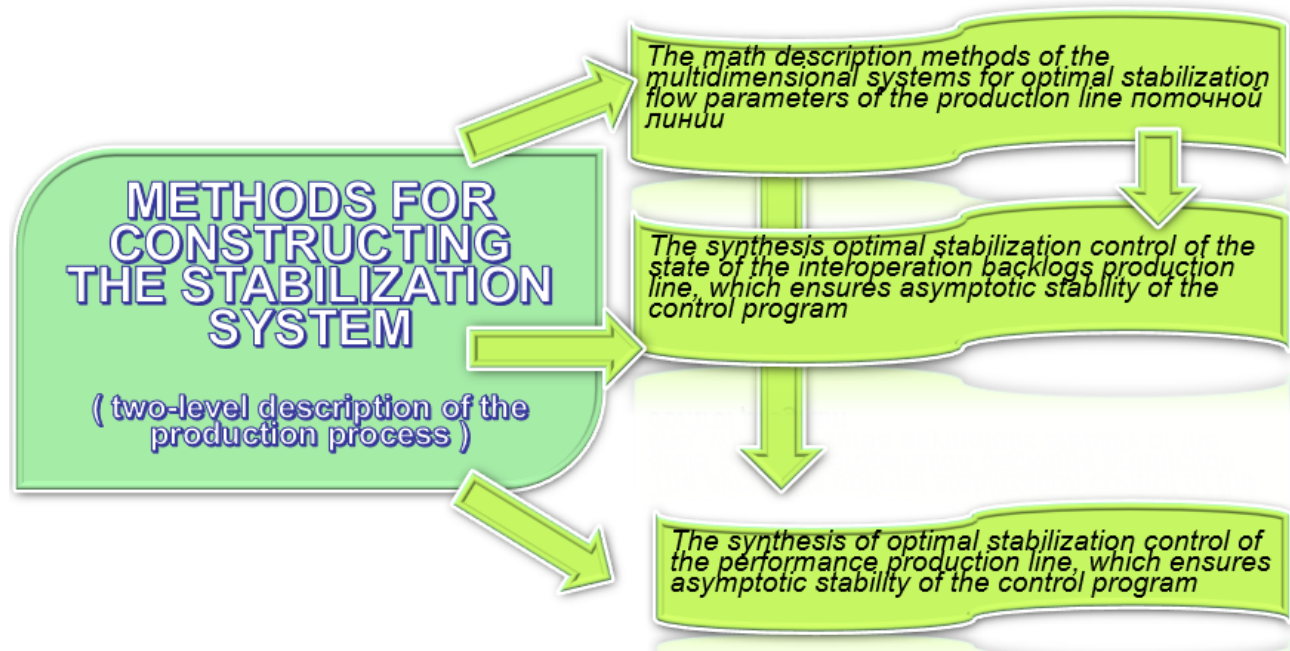


Fig.1. The methods for stabilization flow parameters of a production line

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