

Abstract

Bachelor's degree project on "Automation of coat-traditional distillation of crude oil" includes an explanatory note Extent 65 page specification for the functional circuit Extent of 11 pages.

Explanatory note contains 5 sections 1 and 7 of Annex literature.

Bachelor thesis project in the analysis of technological process she-we alkylation of benzene with propylene liquid phase as object Automatics-ization. The functional scheme of automation of the same process.

We consider the features of alkilatora as pro-government facility. For the same system developed mathematical models of static and dynamic modes. With these models are made rozrahu nky-static characteristics to disturbance and control channels. The synthesis control system. In this section, conclusions and recommendations on the use of various regulators.

In carrying out graduation project used methods of the theory AV tomatychno control, mathematical modeling.

The results of the thesis published at the conference. Main results of re-work can be used for preliminary estimation of parametric settings of real-ditch control systems.

Keywords: alkylate, propylene, catalyst, alkylation, alkilator circuit control circuit automation, mathematical model, static hara-kterystyka channel disturbances, channel management, dynamic characteristics, sohnika security specification equipment.