

Abstract

Bachelor's degree project entitled "Automation of process of production of phenol and acetone through hydroperoxide" contains an explanatory note in volume 66 pages, 4 sheets of drawings.

Explanatory Note contains 17 figures, 3 tables, 1 addition and 30 references.

In sections of the explanatory note the analysis process of production, designed automatic control system, the mathematical model of static and dynamic modes control object, made the calculation of the basic requirements for safety.

Keywords: automation, heat exchanger, technological process, automation scheme, control and regulation, signaling and blocking, measurement, object management, transfer function, transfer characteristic, safety.