

Abstract

Bachelor's degree project entitled "Automation of the production process of vinyl alcohol" contains an explanatory note in volume 55 pages, 3 sheets of drawings.

Explanatory Note contains 13 figures, 2 tables, 1 addition and 8 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, setting the regulator made in accordance with technological requirements of the process, made the calculation of the measuring channel and analyzed the influence of modes of service automated system, made the calculation of the basic requirements for safety.

Keywords: vinyl alcohol, boiler, automation, process rectification, object management, transfer function, transfer characteristic, the synthesis of the regulator, safety.