

Abstract

Diploma project of a fourth-year student, a group of PK-91 of the instrument-making faculty Koval Nazariy on the topic: "Automated eddy current flaw detector based on chips of impedance meters."

The diploma project consists of 50 pages, 7 drawings, 16 literary sources.

In the diploma project, the task of designing an eddy current flaw detector was set and solved. The project provides calculations: calculation of eddy current converter. The graphic part of the diploma project shows a structural diagram of the flaw detector, made on a sheet of A3 format, a functional diagram - on a sheet of A3, an assembly drawing of a eddy current converter- on a sheet of A1 format, an electrical circuit diagram - on a sheet of A1, and a specification for an electrical circuit diagram.