

Annotation

To achieve the objectives in the work of the master's thesis was created eddy current Flaw mobile with wireless data transmission system. A number of studies on eddy current system, made tests and measurements, to improve program part of eddy current flaw detectors.

Were considered different technologies for data transmission.

During the study materials, papers and studies, created an algorithm for a system that transmits data to the server, this technology allows you to create a network of sensors or devices that will run on the same system but will not have a common analog parts navist create multi-tag systems control.

Wireless technology instrument, such as a flaw, resolved to create the most comfortable system that deprived noise by noise arising from the passage of the analog signal cable, using wireless technology information is only transmitted digitally. Data on the server can handle a variety of methods and means.