ANNOTATION

FOR REPORT TO THE SCIENTIFIC AND PEDAGOGICAL PRACTICE

STUDENT OF FMF, 1 COURSE OF THE MASTER LEVEL OF GROUP OF-81

Davydenko Kateryna

On the topic Electrical properties of magnetic-rheological elastomers

Scientific head doctor of Physics and Mathematics**,** professor of the DGTP of FPM, Kalita Victor

Actuality Research of electrical properties of magnetic-rheological elastomers is relevant due to the use of them in the various smart systems and devices

Formulation of problem The purpose of this work is to study the influence of an external magnetic field on the electrical properties of magnetic-rheological elastomers

Ways to solve the problem The study of the influence of an external magnetic field on the electrical Properties of magnetic-rheological elastomers is achieved through the study and analysis of scientific literature and researches

Results and conclusions Magnetic-rheological elastomers are able to quickly and inversely change their physical properties under the influence of an external magnetic field

Signature of scientific head