

## **ANNOTATION**

This project explains the basic principles and laws of the Geiger counter, as well as their practical application. The properties of counters and registration of ionizing pulses are considered, as well as the design with the provision of some theoretical sections. Aspects of radioactivity and dosimetry were analyzed. The project includes a description of the operation of the Geiger counter and the progress of its implementation. In addition, the characteristics of the countdown and the working interval of dead time are described. The Geiger counter device was developed with these sections

