

## **ANNOTATION**

In the diploma project, modular devices with modulated negative residues were developed and designed, and methods were studied solving addition numbers modulo using a hardware implementation of the device. And methods of forming partial balances with their blocking and performing encryption using the hardware method.

The part on vital-activity safety describes favorable working conditions in the workplace. In the economic part, calculations were made of the costs of creating software and the profit of an enterprise when introducing this device.