

Annotation

The graduation project is dedicated to the development of a simulation model of the automatic control system for unmanned aerial vehicles (UAVs), which will become the basis for the design of an automatic control system for UAV aircraft type. When completing the thesis, a synthesis was performed that is optimal by the integral quadratic criterion of an unsteady linear control system. An analysis was made of the simulation results of self-propelled UAV aircraft type Matlab / Simulink.

The Department of Life Safety conducted work on industrial lighting and microclimate analysis. In the economic section, the costs of software development were determined, the remuneration of the developer, the technical support of the project and the cost of electricity were calculated.