

Annotation

The theme of the graduation project Handling electric actuators passenger lift. It includes the following sections: special part, life safety and the economic part.

In the special part contains the definitions, characteristics, working principle and lift and kinematics. Was chosen the Elevator motor and frequency Converter. The scheme did loop-PCH - HELL. Also viewed using the program MathCad transients.

In terms of safety was shown to safety operate the motor and its safe disconnect from the network. Was designed the artificial lighting in the engine room and designed a closed loop.

In economic part were shown the capital cost, the cost of electricity, as well as the economic profitability of the actuator.