

Annotation

Diploma project provides the development of electric charts of management, which is driven by the mechanisms of light cart, and rising of the laboratory travelling

crane intended for the acquaintance of students with a modern equipment and facilities of automation. There is given the description of functional diagram providing the programmatic exit of lifting mechanism in the set point, the choice of electromechanic by system of transformer of frequency of induction motor and calculation of mechanical descriptions are grounded at the frequency adjusting. On the basis of calculation of power elements transformer of frequency of the choice of serial transformer is produced. The questions of labour and economy protection are considered.