SUMMARY

The diploma project comprises: 61 pages, 11 figures, 4 tables and graphical part on 3 pages A1.

This diploma project carried the calculation and selection of the electric motor and equipment for the electromechanical system of the lift receiving equipment was carried out. A system of indirect vector control of speed and flow coupling is synthesized. The method of mathematical modeling was used to study the dynamic characteristics when working out a typical load.

ASYNCHRONY ENGINE, LEATHER HANDLING, VECTOR CONTROL, SPOTSERY, PROGRAMMATED LOGICAL CONTROLLERS, MATHEMATICAL MODELING, TRANSITIONAL PROCESSES.