

## SUMMARY

The diploma projet 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.

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