

SUMMARY

The diploma project comprises: 74 pages, 20 figures, 6 tables and the graphical part on 3 pages A1.

In this thesis project selection and calculation of the induction motor and vector control research point for electric transport. Calculation of AD includes: calculation of nominal load and maximum load, the choice of power parts. Selected refinement algorithm ensures asymptotic trajectories given moment and flux.

The method of mathematical modeling could graphics engine transients when developing the trajectory point corresponding to the typical cycle of the vehicle.

INDUCTION MOTOR, ELECTRIC VEHICLE, FIELD ORIENTED CONTROL, SYNTETHIS, CHARACTERISTICS, RESEARCH.

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Devel.	Kossov L.D.				<i>Induction electrical drive for electric transport Summary</i>	L.	Page	Pages
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