

SUMMARY

The diploma project comprises: 68 pages, 23 figures, 4 tables, 1 specification 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 robot lawn mower. Calculation of AD includes: calculation of nominal load and maximum load. Selected refinement algorithm ensures asymptotic trajectories given speed and flux.

The method of mathematical modeling could graphics engine transients when developing the trajectory point.

INDUCTION MOTOR, ROBOT LAWN MOWER, FIELD ORIENTED
CONTROL, SYNTETHIS, CHARACTERISTICS, RESEARC

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	Letter	№ of doc.	Sign.	Date	<i>Field oriented control asynchronous drive robot lawn mower Summary</i>						
Devel.	S.Navrotskyi								L.	Pag	Pages
Checked	B. Pryymak								7	68	
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