

SUMMARY

The diploma project comprises: 75 pages, 18 figures, 23 tables, 1 appendix, 1 specification and the graphical part on 3 pages A1.

In this project comparative analysis two flux for field object control algorithms of induction motor for electric vehicle application is presented. Investigated algorithms with depending on static load values. Algorithm of optimal linkage was developed. Energy efficiency of compared is investigated by simulations.

INDUCTION MOTOR, LINKAGE, VECTOR CONTROL, OPTIMAL ENERGY EFFICIENCY, SYNTHESIS, SPECIFICATIONS, CONSTRUCTION, RESEARCH.

					6.050702.2113.013.BW			
	Letter	№ of doc.	Sign.	Date	The researching of energy-efficient systems of induction motor <i>Summary</i>	L.	Page	Pages
Devel.	D. Kalugin						7	75
Checked	O. Tolochko					NTUU «KPI», FEA		
N. Contr.								
Approved.	S Peresada							