

SUMMARY

The diploma project comprises: 73 pages, 21 figures, 5 tables and graphical part on 3 pages A1.

This diploma project carried out the calculation and selection of motor and battery for the electrification of the serial van. Was synthesized system of direct flux oriented control. The method of mathematical simulation was used to study the dynamic and energetic characteristics of electromechanical system when we model management actions as well as when working out the cycle of the real movement of the vehicle.

ASYNCHRONOUS MOTOR, ELECTRIC VEHICLE, VECTOR CONTROL, OBSERVER, ENERGY PERFORMANCE, SIMULATION, TRANSIENTS.

					6.050702.3207.023.BW			
	Letter	№ of doc.	Sign.	Date	<i>Electromechanical system of a minibus on the basis of serial chassis Summary</i>	L.	Page	Pages
Devel.	O. Draha					7	68	
Checked	S.Kovbasa					<i>NTUU «Igor Sikorsky Kyiv Polytechnic Institute», FEA</i>		
N. Contr.	Primak B.I.							
Approved.	S Peresada							