

ABSTRACT

Diploma project contains: pages – 74, figure – 50, tables – 6, applications – 1, and graphic part on 4 sheets A1.

The purpose of this project is the development and research of electromechanical system of electric scooter based on brushless direct current motor.

The obtained results can be used in designing and manufacturing electric scooters.

The graphic part includes: a general view of electric scooter, graphs of transients, obtained by mathematical modeling, electric circuit diagrams of EMS electric scooter nodes, functional diagram of the electric scooter controller.

MOTOR-WHEEL, SIMULATION, BRUSHLESS DC MOTOR, DIGITAL CONTROLLER.

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	Letter	№ of doc.	Sign	Date				
<i>Devel.</i>	M. Fylypenko				<i>Electromechanical system electrical scooter Abstract</i>	L.	Page.	Pages
<i>Checked</i>	D. Prystypa						7	74
<i>Reviewer</i>	V. Kotlyarova					NTUU «KPI», FEA		
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