

SUMMARY

Thesis contains: pages - 107, drawings - 24, tables - 66, and graphic part on six letters A1.

The objective of this project is the development an electromechanical system for a small-sized urban electric vehicle.

In this master's work the calculation and selection of electric motor and battery for electric transport were carried out. The aspects of the technical implementation of the key components of the power section are reviewed in the thesis. The algorithm of direct vector torque control and threading is considered.

Using the method of mathematical modeling, the study of dynamic characteristics in the development of typical load.

ELECTRIC VEHICLE, ASYNCHRONOUS ENGINE, VECTOR MOMENT CONTROL, MATHEMATICAL MODELING, TRANSITION PROCESSES.

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ЗМН.	Letter	№ of doc.	Sign.	Date	<i>Electromechanical system of a small-sized urban electric vehicle</i>	L.	Page	Pages
Devel	Kh.Khrystonko							107
Checked	S.Kovbasa							
N.Contr.	S.Buryan					<i>NTUU «KPI»</i>		
Approved.	S.Peresada							