

SUMMARY

Diploma project contains 54 pages, 26 figure, 3 table, 3 graphics sheet parts.

The main aim of the diploma project is the development and practical implementation of laboratory model to study the dynamic characteristics of the DC motor, which has a control input voltage using pulse - width converter.

The laboratory setup can be used for teaching students in the course "Theories of electric drive - 2".

The graphical part includes: functional diagram, the schematic circuit diagram, graphs of load's current anchor circle and speeds and graphs of control action obtained by experimental testing.

IGBT, OPTOELECTRONIC, PULSE-WIDTH CONVERTERS,
MICROCONTROLLER, DIRECT CURRENT, MOTOR DC.

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Зм.	Арк.	№ докум.	Підпис	Дата				
Розроб.		Ніколаєв Д.П.			Laboratory model to study the dynamic characteristics of the DC motor	Літ.	Аркуш	Аркушів
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