

ABSTRACT

The degree project contains 70 pages, 12 figures, 4 tables, list of used literature that contains 17 positions.

This diploma project carried out the process of automation of the electric drive of a mine lifting plant. Was synthesized system of indirect flux oriented control. The method of mathematical simulation was used to study the dynamic and energetic characteristics of electromechanical system when we model when working out the cycle of the real movement of the a mine lifting plant.

The scheme of electric basic connection of the electric drive was developed.

MINE LIFTS, AUTOMATIC CONTROL SYSTEM, ELECTRICDRIVE, INDIRECT
FIELD ORIENTED CONTROL, MODELING, SIMULINK

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Лист	Дата	№ докум.	Подпись	Дата	Automated electric drive of the cage mine Abstract			Лит.	Разраб.	Листов
ПрРозробив	Seniuk M.U.									
Провірів	Думко S.S.									
Реценз.										
Н. Контр.										
Утвердив	Peresada S.M.				<i>КПІ, ФЕА, ЕП-61-1</i>					