

THE SUMMARY

The diploma project is executed on 92 pages and contains 39 figures and 5 tables 3 posters A1.

In carrying diploma project was decided following main objectives: modes and features designs cableway, analysis of patent and technical literature, forming requirements for electric drive and control system, study and choice of ED, calculation and selection of the power circuit electromechanical system, the development of a mathematical model of electromechanical system modeling electromechanical systems among MATLAB Simulink, the dynamic and static modes, the dynamic and static operating modes at different moments of stress.

Calculation and realization of the diploma project were provided by using the following software: MATLAB R2013b, Microsoft Office Word 20013, Microsoft Office Visio 20013, Mathcad 15, AutoCAD 2015.

ESCALATORS, INDUCTION MOTORS, SYNTHESIS, FREQUENCY CONVERTERS, REGULATORS, MODELING, DESIGN OF THE ELECTRICAL PRINCIPLE.

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<i>Chan</i>	<i>Sh.</i>	<i>Nº docum.</i>	<i>Sign.</i>	<i>Date</i>	<i>Electric drive and automation of cableway</i>	<i>Liter.</i>	<i>Sh.</i>	<i>Scale</i>
<i>Designed</i>		Andrushok A.V.					8	
<i>Checked</i>		Pechenik M.V.						
<i>Reader</i>								
<i>R. control</i>								
<i>Approve</i>					<i>NTUU «KPI», FEA, gr. EP-22</i>			