

## SUMMARY

The diploma project contains on 75 pages and 19 pictures, 2 tables and 3 posters A1.

In this diploma project the analytical review of existing units for crushing of minerals is carried out. Based on the analysis of technical and economic indicators, the choice of the conical crusher as the most effective for the task is substantiated. The choice of engine and power electrical equipment was made, automation of the technological process of ore grinding was performed. The control scheme of electric drives of a crushing complex is designed; algorithms of work of the software of the controller which allows us to carry out all operations in an automatic mode are made. Graphs of transients are obtained by methods of mathematical modeling.

ELECTRIC, FREQUENCY CONTROL, DRYING APPLIANCE,  
DEVELOPMENT, AUTOMATIC, MATHEMATIC MODEL, RESULTS.

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	Letter	№ of doc.	Sign	Date				
Devel.	Moldavskiy A.V.				<b>"Electric drive and automation of the milling plant"</b> <i>Summary</i>	L.	Page	Pages
Checked	Teriaev V.I.					8	75	
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