

SUMMARY

The diplom project comprises: 65 pages, 23 pictures, 1 table application and the graphical part on 3 pages A1.

In this diploma project, a feeder for a numerically controlled machine tool is developed. Selected necessary equipment and created an electric-principle scheme for the implementation of the developed project. The mathematical modeling of the work of the investigated drive is executed on the basis of direct flux oriented control algorithm.

NUMERICAL CONTROL, ASYNCHRONOUS MACHINE, FREQUENCY TRANSMITTER, DIRECT FLUX-ORIENTED CONTROL

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	Letter	№ of doc.	Sign.	Date				
Devel.	O. Sihida				<i>The electric drive of a machine with a numerical program control on the basis of an asynchronous engine Summary</i>	L.	Page	Pages
Checked	Y.M. Zaichenko						7	93
N. Contr.						NTUU «KPI», FEA		
Approved.	S Peresada							