

SUMMARY

ABSTRACT

The degree project comprises: pages - 71 pictures - 29 tables - 2 and part 3 graphic sheets A1. In this thesis project developed a versatile electric coaxial line through induction motor.

It was done in an analytical review of modern linear elektropropyvodu considered different types of structures linear motors, their mathematical models. The design, the basic elements designed magnetic circuit and equivalent circuit parameters of the engine. Done scheme and winding of the key elements of power frequency converter.

The simulation of dynamic modes linear induction motor based equivalent circuit model and two-coordinate.

Modeling of the magnetic field of the motor in the software environment ELCUT.

COAXIAL, LINEAR, ASYNCHRONOUS, ENGINES, CALCULATION, FREQUENCY, CONTROL

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Devel.	A.Klymenko				<i>Electric drive with coaxial lines induction motor</i>		L.	Page	Pages
Checked	B. Priymak							7	71
N. Contr.					NTUU «KPI», FEA				
Approved.	S Peresada								