

SUMMARY

The diploma project comprises: 66 pages, 26 figures, 7 tables, graphical part on 4 pages A1.

The work is designed electromechanical system of tracking the sun for solar mobile installations. Our calculation power, engine choices DC motor, converter is set for the DC motor. Studies of regulation angular position by mathematical modeling. The functional circuit DC electric investigated dynamic characteristics.

Calculation and realization of the diploma project occurred by using the following software: Simulink, Microsoft Office Word 2013, Microsoft Office Visio 2013, mathtype 6.9..

TRACKING SYSTEM OF THE SUN, MOBILE SOLAR INSTALLATIONS,
SOLAR PANELS, DC MOTOR, CONTROL ANGULAR POSITION,
MATHEMATICAL MODEL, CONVERTERS.

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	Letter	№ of doc.	Sign.	Date	<i>Sun tracking system for mobile solar power plants</i> <i>Summary</i>	L.	Page	Pages
Devel.	D. Kunkov						7	66
Checked	V. Bovkunovych					NTUU « Igor Sikorsky KPI», FEA Department AEMS-ED gr. EP-31		
N. Contr.								
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