MODELAREA CIRCUITULUI VARIATORULUI DE C.A. CU TIRISTOARE ȘI SARCINĂ REZISTIVĂ

Ecaterina-Liliana MIRON*, Mihai MIRON*

*Academia Forțelor Aeriene "Henri Coandă"

***Abstract**: The purpose of this paper is to determinate an equivalent circuit for AC-AC converter with thyristors, which supplies a resistive load. To determine an equivalent resistor, which is necessary to an imposed power, we calculate the power transfer to the load of AC converter. To model and simulate the circuit the MathCAD program is used.*

***Cuvinte cheie**: modelare, MathCAD, regresie polinomială.*