

BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI  
TOMUL LIV (LVIII), FASC. 4, 2008  
ELECTROTEHNICĂ, ENERGETICĂ, ELECTRONICĂ

## OPTIMIZATION OF AN INDUCTION MOTOR FED BY A CURRENT INVERTER

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**Abstract.** In this paper I am discussing about the operation optimization of a squirrel-cage induction motor for the steady-state operation. The motor functions on a current source inverter PWM. The current inverters are used at the action of the high power motors.

**Keywords:** optimization, steady-state operation, induction motor, current source inverter.