

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

## ON THE EQUIVALENT CIRCUIT DIAGRAMS OF THE TWO- PHASE INDUCTION MOTORS WITH CAPACITOR

BY

\* **ADRIANA PRISACARU**

**Abstract.** The expressions of the two magnetizing reactances of the two different phase windings of a two-phase induction motor with capacitor were derived. The equivalent number of phases from magnetically point of view of the two-phase stator windings were defined. These numbers may be fractional, not only integers.

**Keywords:** the two-phase induction motors with capacitor.