

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

SENSORLESS SWITCHED RELUCTANCE MOTOR DRIVE USING FLUX-LINKAGE ESTIMATION METHOD

BY

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Abstract. A sensorless switched reluctance motor drive which employs flux-linkage estimation method is presented. Also we have used one algorithm for internal resistance controlling. This method can be applied in variable speed applications where inaccuracy of position determination can cause inaccuracy in speed and torque control.

Keywords: switch reluctance motor, flux-linkage estimation method, simulation.