Modélisation et Commande Vectorielle d'une Machine Asynchrone à Sept phase

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Abstract : In this work, we present the modeling and vector control of seven-phase induction machine, regularly shifted them in space. The modeling is based on the method of diagonalization of matrices inductors to magnetically decouple phases. Secondly, the vector control used is intended to obtain the excellent performance of the DC machine

Keywords : Seven-phase Asynchronous machine, diagonalization, vector control