

Fouzia Benmessaoud, J Nucl Ene Sci Power Generat Technol 2019, Volume: 8 DOI: 10.4172/2325-9809-C1-014

5th World Bioenergy Congress

April 15-16, 2019 | Tokyo, Japan

Singularly perturbed induction motor model based flux and torque robust control with estimation

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inear parameter varying (LPV) torque controller where the rotor flux is considered to be a timevarying parameter and an LPV rotor flux observer varies and to guaranty the stability of the system for using polytopics models are designed for the induction motor. To improve the performances singularly efficiency of the method.

perturbed systems theory is used. The main feature of that proposition is to improve robustness when flux all operating range. Simulations results illustrate the

Biography

Fouzia Benmessaoud is student in University Mostapha Benboulaid Batna, Algeria.

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