AN EXTENSION OF FLUX LINKAGE STATE-SPACE MODEL OF INDUCTION MACHINE

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Abstract: *The objective of the present contribution is to complete the original structure of winding flux linkage state-space model of induction machine in order to include the effects of main flux path saturation. The derivation procedure is carried out without altering the structural equations of induction machine generalised d-q axis model. The only additional datarequired are those of the induction machine magnetizing curve.*

Keywords: *modelling, dynamics, saturation, induction machine.*

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