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DFIG Control Using Differential Flatness Theory and Extended Kalman Filtering By G. Rigatos and P. Siano No static citation data No static citation data Cite

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Abstract: The paper studies differential flatness properties and an input-output linearization procedure for doubly fed induction generators (DFIGs). By defining flat outputs which are associated with the rotor's turn angle and the magnetic flux of the stator, an equivalent DFIG description in the Brunovsky (canonical) form is obtained.

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