




Article

Online Rotor and Stator Resistance Estimation Based on Artificial Neural Network Applied in Sensorless Induction Motor Drive

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Abstract: This paper presents a new approach method for online rotor and stator resistance estimation of induction motors using artificial neural networks for the sensorless drive. In this method, the rotor resistance is estimated by a feed-forward neural network with the learning rate as a function. The stator

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Prediction of reaction parameters on reaction kinetics for treatment of industrial wastewater: A machine learning perspective

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


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Abstract

Industrial wastewater is a major cause of pollution of surface water bodies since it is often discharged into these water bodies without adequate treatment. Past attempts at treating industrial wastewater have led to emergence of multiple approaches for removal of impurities. These include conventional techniques like biological, physical and chemical techniques, recently advanced

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