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The University of Michigan, 1986
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Publication List

1. S. M. Alghuwainem, “Transient and Islanding Performance of Grid-Connected Induction Generator Feeding Induction Motor and Resistive Loads”, 2011 International Machines and Drives Conference (IEMDC)

2. S. M. Alghuwainem, "Matching of a DC Motors to a Photovoltaic Generator Using a Step-Up Converter With a Current Locked Loop", ***IEEE*** **Transaction on Energy Conversion**, Volume 3, March 1994.

3. S. M. Alghuwainem, "Speed Control of a PV Powered DC Motor Driving A Three-Phase Self-Excited Induction Generator for Maximum Utilization Efficiency", ***IEEE*** **Transaction on Energy Conversion**, Volume 11, December 1996

4. S. M. Alghuwainem, "Performance Analysis of a PV Powered DC Motor Driving a Three-Phase Self-Excited Induction Generator", ***IEEE*** **Transaction on Energy Conversion**, Volume 11, March 1996.

5. S. M. Alghuwainem, "Steady State Performance of DC Motors Supplied From Photovoltaic Generators With Step-Up Converter", ***IEEE*** **Transaction on Energy Conversion**, Volume 4, June 1993.

6. S. M. Alghuwainem, "Steady-State Analysis of an Induction Generator Self-Excited by a Capacitor in Parallel with a Saturable Reactor", ***Electric Machines and Power Systems***, Volume 26, Number 6, January 1998.

7. S. M. Alghuwainem, "A Close-Form Solution for the Maximum Power Operating Point of a Solar Cell Array", ***Solar Energy Materials and Solar Cells***, 46 (1997) 249-257.

8. S. M. Alghuwainem **, “**Steady-State Analysis of an Isolated Self-Exited Induction Generator Driven by Regulated and Unregulated Turbine”, ***IEEE*** **Transactions on Energy Conversion**, Vol. 14, No. **3,** September 1999

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11. S. M. Alghuwainem, "Application of a DC Chopper to Maximize Utilization of Solar-Cell Generators", ***IEEE/PES*** Power Engineering Society 1991 Winter Meeting, February 3-7 1991, New York, NY, USA.

12. S. M. Alghuwainem, "Time Domain Modeling of Frequncy Dependent Three Phase Transmission Line Resistance", Electric Machines and Power Systems, Volume 19, Number 6, 1991.

13. S. M. Alghuwainem, "Fault Induced Transients on Power Systems From Modal Networks", Proceedings of the Middle East Power Conference (MEPCON 89), Cairo, Egypt, January 9-13 1989.