



(1)

A hybrid RGA-PS Approach for Selective Harmonic Elimination of PWM AC/AC Voltage Controller

A. K. Alothman, Nabil A. Ahmed and M. AlSharidah

Abstract:

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Keywords:

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(2)

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(3)

Model Predictive Control for Shunt Active Power Filter in Synchronous Reference Frame

A. K. Al-Othman, M. E. AlSharidah, Nabil A. Ahmed and Bader. N. Alajmi

Abstract:

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Published In:

Journal of Electrical Engineering Technology , NULL , NULL



(4)

-Parameter Identification of PEM Fuel Cell Using Quantum Based Optimization Method

A. K. Al-Othman¹, Nabil A. Ahmed, F. S. Al-Fares² and M. E. AlSharidah¹

Abstract:

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Arab Journal of Science and Engineering , NULL , NULL



(5)

Power fluctuations suppression of stand-alone hybrid generation combining solar photovoltaic/wind turbine and fuel cell systems

Nabil A. Ahmed, Masafumi Miyatake, A.K. Al-Othman

Abstract:

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Keywords:

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Published In:

Energy Conversion and Management , NULL , NULL



(6)

High-Frequency Soft-Switching AC Conversion Circuit With Dual-Mode PWM/PDM Control Strategy for High-Power IH Applications

Nabil A. Ahmed

Abstract:

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Keywords:

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Published In:

IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS , vol. 58, no. 4, , pp.1440-1449



(7)

Advanced power conditioner using sinewave modulated buck-boost converter cascaded polarity changing inverter

Jamal Madouh, Nabil A. Ahmed, Ahmad M. Al-Kandari

Abstract:

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Keywords:

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Published In:

Electrical Power and Energy Systems , Vol, 43 , pp. 280-289



(8)

Harmonics Elimination of H Bridge Cascaded Multilevel Inverters Using Linear Fuzzy Regression with None-equal DC Voltage Sources, Accepted for Publication in the Journal of European Power

A. K. Alothman, Nabil A. Ahmed and M. AlSharidah

Abstract:

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Keywords:

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Published In:

European Journal of Power Electronics and Drives, EPE , vol. 25, no. 3, , NULL



(9)

Development of an Efficient Utility Interactive Combined Wind/ Photovoltaic/Fuel Cell Power System with MPPT and DC bus Voltage Regulation

Nabil A. Ahmed, A. K. Al-Othman and M.R. AlRashidi

Abstract:

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Keywords:

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Published In:

Journal of Electric Power Systems Research , vol. 81, no. 5 , pp. 1096-1106



(10)

-Comprehensive Analysis and Simulation of Symmetrical Single Phase PWM AC-AC voltage Converters", Journal of Electric Power systems Research, vol. 81, pp 57-65, January 2011.

Nabil A. Ahmed, Faisal Q. El Enezi and A. K. Al-Othman

Abstract:

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Keywords:

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Published In:

Journal of Electric Power Systems Research , January 2011. , vol. 81, no. 1 , pp. 57-65



(11)

Electronically Switched Capacitor-fed Three-phase Induction Motor Operating from Single-phase Supply

Ahmad M. Al-Kandari and Nabil A. Ahmed

Abstract:

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Keywords:

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Published In:

Electric Power Components and Systems , vol. 37, no. 6, , pp. 612-628



(12)

A Stand-Alone Hybrid Generation System Combining Solar Photovoltaic and Wind Turbine with Simple Maximum Power Point Tracking", In Press., Journal of Electric Power Components and

Nabil A. Ahmed, Masafumi Miyatake and A. K. Al-Othman

Abstract:

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Keywords:

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Published In:

Journal of Electric Power Components and Systems , vo.l 37, no. 1 , NULL



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Multilevel Inverters Harmonic Elimination with Non-Equal DC Voltage Sources Using Linear Fuzzy Programming

Al-Othman, A.K.; Ahmed, Nabil A.; AlSharidah, N.A.

Abstract:

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Keywords:

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Published In:

EPE Journal (European Power Electronics and Drives Journal) , v 25, n 3 , p 11-20



(14)

High-frequency full-bridge isolated DC-DC converter for fuel cell power generation systems

Ahmed, Nabil A.; Madouh, Jamal Y.

Abstract:

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Keywords:

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Electrical Engineering , v 100, n 1 , p 239-251