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Education Information

Doctorate, University Of Strathclyde, Turkey 2010 - 2013

Postgraduate, Military Technical College, Egypt 2002 - 2006

Undergraduate, Military Technical College, Egypt 1994 - 1999

Academic Titles / Tasks

Istanbul Gelisim University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2016 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

I. Simple Mathematical and Simulink Model of Stepper Motor

Iqteit N. A., Yahya K., Makahleh F. M., Attar H., Amer A., Solyman A. A. A., Qudaimat A., Tamizi K.
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Articles Published in Other Journals

I. Investigating and calculating the temperature of hot-spot factor for transformers

YAHYA H., Attar H., Issa H., Ramadan Dofan J. A., Iqteit N. A., Yahya A. E., SOLYMAN A. A. A.
Indonesian Journal of Electrical Engineering and Computer Science, vol.30, no.3, pp.1297-1307, 2023 (Scopus)

II. 5G Key Enabler Technologies and Future Trends

Attar H., Issa H., ELHATY I. A. M., Yahya K., SOLYMAN A. A. A., Agieb R. S.
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III. Increasing Power Transfer Capability of Transmission Lines Using the Quasi-Dynamic Operation and Monitoring System

Shokouhandeh H., Kamarposhti M. A., Lorenzini G., Solyman A. A. A., Agieb R. S.
Mathematical Modelling of Engineering Problems, vol.9, no.2, pp.291-297, 2022 (Scopus)

IV. The estimate of amplitude and phase of harmonics in power system using the extended kalman filter

Kamarposhti M. A., Solyman A. A. A.
Bulletin of Electrical Engineering and Informatics, vol.10, no.4, pp.1785-1792, 2021 (Scopus)

V. Maximum power point tracking in the photovoltaic module using incremental conductance algorithm with variable step length

Lorenzini G., Kamarposhti M. A., Solyman A. A. A.

Journal Europeen des Systemes Automatises, vol.54, no.3, pp.395-402, 2021 (Scopus)

VI. **Optimal Location of Sectionners and Distributed Generation Resources to Improve Reliability in Distribution Networks**

Lorenzini G., Kamarposhti M. A., Solyman A. A. A.

Mathematical Modelling of Engineering Problems, vol.8, no.2, pp.165-169, 2021 (Scopus)

VII. **Optimal operation of micro-grids to reduce energy production costs and environmental pollution using ant colony optimization algorithm (ACO)**

Lorenzini G., Kamarposhti M. A., Solyman A. A. A.

Journal Europeen des Systemes Automatises, vol.54, no.1, pp.9-19, 2021 (Scopus)

VIII. **Locating and sizing of capacitor banks and multiple DGs in distribution system to improve reliability indexes and reduce loss using ABC algorithm**

Kamarposhti M. A., Khormandichali S. M. M., Solyman A. A. A.

Bulletin of Electrical Engineering and Informatics, vol.10, no.2, pp.559-568, 2021 (Scopus)

IX. **Locating and Sizing of Distributed Generation Sources and Parallel Capacitors Using Multiple Objective Particle Swarm Optimization Algorithm**

Kamarposhti M. A., Lorenzini G., Solyman A. A. A.

Mathematical Modelling of Engineering Problems, vol.8, no.1, pp.10-24, 2021 (Scopus)