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Disciplina	621.382
Soggetti	Computer communication systems Artificial intelligence Computers Computer Communication Networks Artificial Intelligence Information Systems and Communication Service
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Improved Voltage Control of the Electric Vehicle Operating as UPS in Smart Homes -- Energy end-use flexibility of the next generation of decision-makers in a Smart Grid setting: an exploratory study -- Optimizing the Train-Catenary Electrical Interface Through Control Reconfiguration -- Home Energy Monitoring System Towards Smart Control of Energy Consumption -- Performance Comparison of a Typical Nonlinear Load Connected to ac and dc Power Grids -- How much are Portuguese residential consumers willing to invest in photovoltaic systems? -- Sustainability assessment of high voltage transmission lines -- Voltage Distortion Minimization in Cascaded H-Bridge Inverters -- A Selective Harmonic Compensation with Current Limiting Algorithm -- Power Electronics Converters for an Electric Vehicle Fast Charging Station with Storage Capability -- Experimental Evaluation of Magnetostrictive Strain of Electrical Steel -- Design of Compact LoRa Devices for Smart Building Applications -- Electro-

Optical System for Evaluation of Dynamic Inductive Wireless Power Transfer to Electric Vehicles -- On the effects of parameter adjustment on the performance of PSO-based MPPT of a PV-energy generation system -- Multi-temporal active power scheduling and voltage/var control in autonomous microgrids.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 5th EAI International Conference on Green Energy and Networking, GreeNets 2018, held in Guimarães, Portugal, in November 2018. The 15 full papers were selected from 26 submissions and cover a wide spectrum of ideas to reduce the impact of the climate change, while maintaining social prosperity. In this context, growing global concern leads to the adoption of the new technological paradigms, especially for the operation of future smart cities.
