

### **AI applications to enhance resilience in power systems and microgrids - a review**

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### **Approaches to strengthen the social cohesion between displaced and host communities**

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### **Areeba : an area efficient binary huff-curve architecture**

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### **Assessment of the development limitations for wave energy utilization in the Baltic Sea**

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### **Audiovisual emotion recognition in wild**

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### **Automated design error debug using high-level decision diagrams and mutation operators**

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### **Automated design error localization in RTL designs**

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### **Automated identification of application-dependent safe faults in automotive systems-on-a-chips**

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### **An automated method for mining high-quality assertion sets**

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### **Calculation of probabilistic testability measures for digital circuits with Structurally Synthesized BDDs**

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## **Challenges and perspectives of nature-based wastewater treatment and reuse in rural areas of Central and Eastern Europe**

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## **A chameleon algorithm for solving economic dispatch problem in microgrid system**

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## **Comparative analysis of machine learning techniques for non-intrusive load monitoring**

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## **Creativity as a key constituent for smart specialization strategies (S3), what is in it for peripheral regions? Co-creating sustainable and resilient tourism with cultural and creative industries**

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**Day-ahead scheduling of electric vehicles and electrical storage systems in smart homes using a novel decision vector and AHP method**

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**EcoLight+ : a novel multi-modal data fusion for enhanced eco-friendly traffic signal control driven by urban traffic noise prediction**

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### **Estimation of harmonic emission of electric vehicles and their impact on low voltage residential network**

**Iqbal, Muhammad Naveed; Kütt, Lauri; Daniel, Kamran; Asad, Bilal; Ghahfarokhi, Payam Shams** Sustainability 2021 / art.

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### **Evaluation of alternative fuels for coastal ferries**

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### **An evaluation of critical capabilities and improvement areas for competitive manufacturing in a developed-country environment**

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### **Feasibility investigation for residential battery sizing considering EV charging demand**

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#### **5G as an enabler of connected-and-automated mobility in European cross-border corridors — a market assessment**

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#### **Forecasting of wind speed and power through FFNN and CFNN using HPSOBA and MHPSO-BAACs techniques**

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