

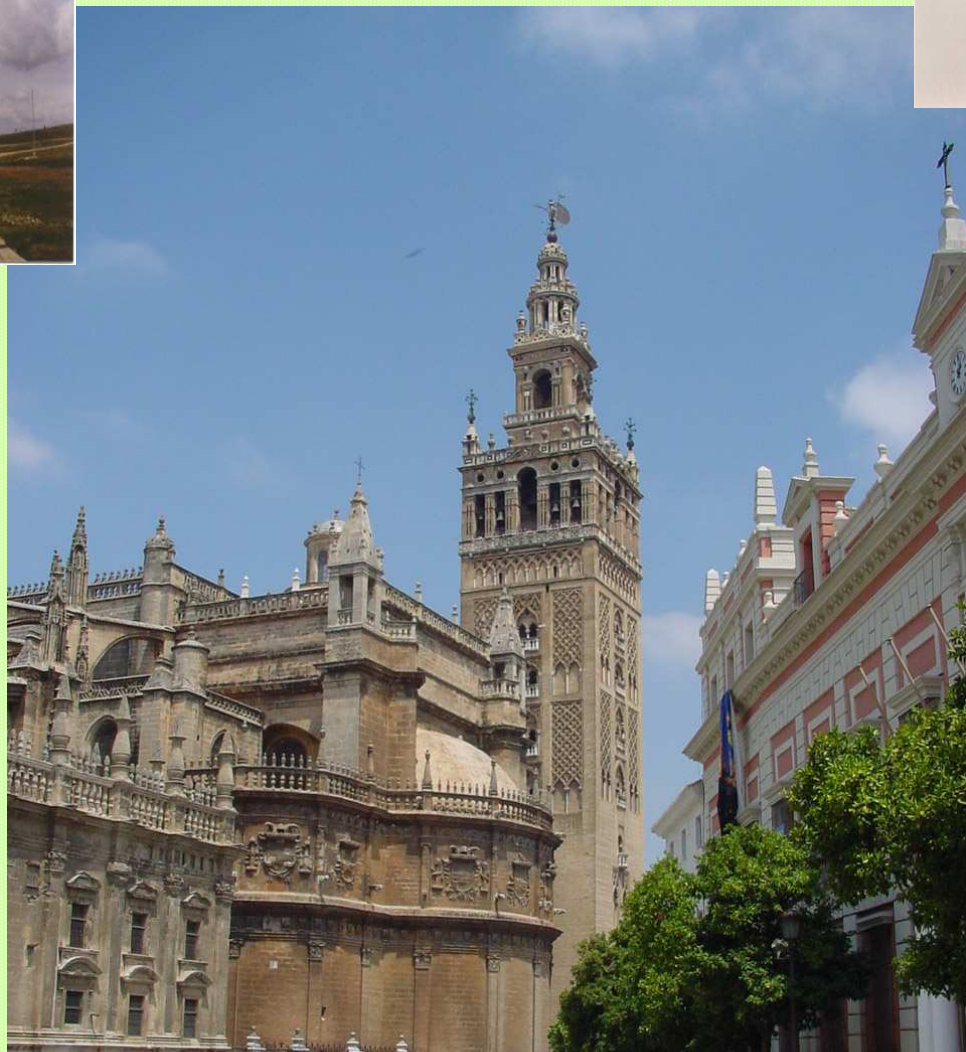
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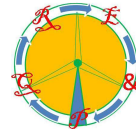
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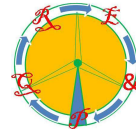


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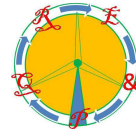
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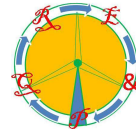
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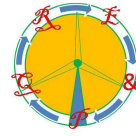
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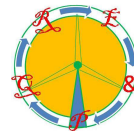
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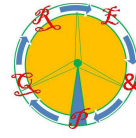
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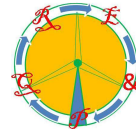
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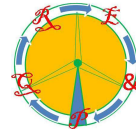
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316 Power quality survey in a distribution system, standard procedures and limitations

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317 Ferroresonance in voltage transformers: Analysis and Simulations

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318 Analysis of system failure in a CNG site

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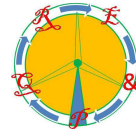
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319 The design and construction of a power quality parameters recorder

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320 Implementation of a double AC/DC/AC converter with power factor correction (pfc) for non-linear load applications

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321 Solar photovoltaic water pumping system using a new linear actuator

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322 Short-circuits simulation at 25 kV,50 Hz contact line system

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323 Dynamic performance comparison of conventional and capacitor commutated converter (CCC) for HVDC transmission system in simulink environment

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324 Experimental supply equipment for active loop-based magnetic field mitigation system

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325 Integration of Renewable energies and power quality in the University of Seville electric Engineer curricula

J.C.del Pino López, M.E.Méndez Treviño, J.L.Martinez Ramos, J.M.Maza Ortega, J.Riquelme Santos, J.A.Rosendo Macías, A.de la Villa Jaén, M.Burgos Payán, M.Casal Gómez-Caminero, P.L.Cruz Romero, F.J.González Vázquez

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326 Parametric analysis of magnetic field mitigation shielding for underground power cables

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327 Increase of transmission line losses caused by higher harmonic components evaluated by orthogonal decomposition of three-phase currents in the time domain

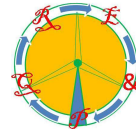
Miran Rošer(1), Gorazd Štumberger(2), Matej Toman(2), Drago Dolinar(2)

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2. University of Maribor . Faculty of Electrical Engineering and Computer Science. Slovenia

329 On the performance of commercial supercapacitors as storage devices for renewable electrical energy sources

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330 International review of grid connection requirements related with voltage dips for wind farms

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331 Computation of reactive power in the framework of the new Spanish grid code using test fields of wind turbines submitted to voltage dips

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333 The sliding voltage control strategy for power peaks bypass

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334 Electric Vehicle - Design and implementation strategies for the power train

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335 Biomass: Potential source of useful energy

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337 Self-Learning operation management for variable speed wind energy converters

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338 An overview on the integration of large-scale wind power into the electric power system

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341 Multi-phase space vector pulse width modulation: Applications and strategies

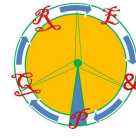
Mario J.Duran, F.Barrero, S.Toral

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342 The magnetizing field of a linear generator used to obtain electrical energy from waves energy

Constantin Ghita, Aurel Ionut Chirila, Ioan Dragos Deaconu, Daniel Ion Ilina

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**343 Towards a new model of evaluation of transformation losses in solar orchards**

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344 A strategy to locate partial discharges in power transformers using acoustic emission

Giscard Franceire Cintra Veloso, Luiz Eduardo Borges da Silva, Germano Lambert-Torres
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345 Dynamic model and simulation of a PEM fuel cell for residential applications

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346 Supply voltage effects on the operation of residential air conditioning appliances: Theoretical analysis

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347 Supply voltage effects on the operation of residential air conditioning appliances: Experimental analysis

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349 Single phase shunt active filter with digital control

J.G.Pinto, Pedro Neves, Ricardo Pregitzer, Luís F.C. Monteiro, João L.Afonso
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350 3-phase 4-wire shunt active power filter with renewable energy interface

J.G.Pinto, Ricardo Pregitzer, Luís F. C. Monteiro, João L.Afonso
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351 Developed power quality monitor used for shunt active power filter studies

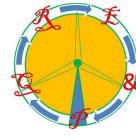
J.G.Pinto, Ricardo Pregitzer, Luís F.C. Monteiro, João L.Afonso
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352 Use of photovoltaic systems for rural electrification in Thailand

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354 A mixed hybrid algorithm for integral wind farm optimum design

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**355 Wind farm optimum efficiency by voltage control**

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356 Monitoring and control of a laboratory scale wind farm

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357 Electric Mini- Challenges and solutions for the electrical powertrain

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358 Integration of multi layer perceptron and design of experiments for forecasting household electricity consumption

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359 Using an integrated artificial neural networks model for predicting global radiation: The case study of Iran

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360 Electrical energy consumption estimation by genetic algorithm and analysis of variance

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361 Estimating wind turbines mechanical constants

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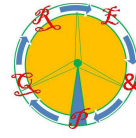
362 Working zones of an AC autonomous switched reluctance generator

Abelardo Martínez(1), Javier Vicuña(2), Francisco José Pérez(1), Bonifacio Martín(1), Eduardo Laloja(1), Tomás Pollán(1), Beatriz Sánchez(3), Juan Lladó(3)

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363 Risk analysis in renewable energy: Assessment of the vulnerability of the environment and community

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365 Analysis of tubular-type linear generator for free-piston engine

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366 Analysis of Harmonic distortion in building electrical installation with computer devices

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367 Development of a single-phase DSP based power quality analyzer using new signal processing algorithms for detection and classification

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370 Experimental analysis of power quality issues in a mobile house supplied by renewable energy sources

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371 A novel approach to control of multilevel converter using wavelets transform

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374 On wind power integration into electrical power system: Spain vs. Denmark

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376 A new concept of power quality monitoring

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377 Low cost method for on-line remote monitoring of power transformers and induction motors

M.F.Cabanas, F.Pedrayes, C.Rojas, M.G.Melero, G.A.Orcajo, J.M.Cano

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378 Testbed for virtual microgrid control strategy development

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380 Limits for Production or Consumption of energy and substances predicted by thermodynamics

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383 AC arc furnaces flicker measurement with and without a SVC system connected

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386 Voltage and reactive power control in MV networks integrating MicroGrids

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