

No.	Co-authors	Article title	Keywords	Vol., No., pp.	DOI	Citation
1	Rechach, A., Ghoulbourk, S., Aoulmi, Z., Djalel, D.	Smart Controls for Switched Reluctance Motor 8/6 Used for Electric Vehicles Underground Mining Security	direct torque control, artificial neural network controller, fractional order controller, switched reluctance motor, electrical vehicle, underground mines security	23, 6, 423-432	https://doi.org/10.18280/ejee.230601	Rechach, A., Ghoulbourk, S., Aoulmi, Z., Djalel, D. (2021). Smart controls for switched reluctance motor 8/6 used for electric vehicles underground mining security. European Journal of Electrical Engineering, Vol. 23, No. 6, pp. 423-432. https://doi.org/10.18280/ejee.230601
2	Rahmoune, M., Chettih, S.	Forecasting of Electricity Demand by Hybrid ANN-PSO under Shadow of the COVID-19 Pandemic	particle swarm optimization, artificial neural network, short term load forecasting, COVID-19	23, 6, 433-438	https://doi.org/10.18280/ejee.230602	Rahmoune, M., Chettih, S. (2021). Forecasting of electricity demand by hybrid ANN-PSO under shadow of the COVID-19 pandemic. European Journal of Electrical Engineering, Vol. 23, No. 6, pp. 433-438. https://doi.org/10.18280/ejee.230602
3	Nesser, M., Maloberti, O., Salloum, E., Dupuy, J., Fortin, J.	Influence of a Laser Irradiation and Laser Scribing on Magnetic Properties of GO Silicon Steels Sheets Using a Nanosecond Fiber Laser	coercive field, grain-oriented, irradiation, laser scribing, magnetization properties, silicon steels	23, 6, 439-444	https://doi.org/10.18280/ejee.230603	Nesser, M., Maloberti, O., Salloum, E., Dupuy, J., Fortin, J. (2021). Influence of a laser irradiation and laser scribing on magnetic properties of GO silicon steels sheets using a nanosecond fiber laser. European Journal of Electrical Engineering, Vol. 23, No. 6, pp. 439-444. https://doi.org/10.18280/ejee.230603
4	Mini, Y., Nguyen, N.K., Semail, E.	Sensorless Control for Non-Sinusoidal Five-Phase Interior PMSM Based on Sliding Mode Observer	back-EMF observer, electrical integrated drive, five-phase interior permanent magnet synchronous machine, sensorless control, sliding mode observer	23, 6, 445-454	https://doi.org/10.18280/ejee.230604	Mini, Y., Nguyen, N.K., Semail, E. (2021). Sensorless control for non-sinusoidal five-phase interior PMSM based on sliding mode observer. European Journal of Electrical Engineering, Vol. 23, No. 6, pp. 445-454. https://doi.org/10.18280/ejee.230604
5	Margot, G.L., Corinne, A., Bruno, J.	Identification of ESS Degradations Related to Their Uses in Micro-Grids: Application to a Building Lighting Network with VRLA Batteries	battery ageing mechanisms, cycle lifetime, charge protocol, energy storage, Lead-acid battery, micro-grid, PV, VRLA batteries	23, 6, 455-466	https://doi.org/10.18280/ejee.230605	Margot, G.L., Corinne, A., Bruno, J. (2021). Identification of ESS degradations related to their uses in micro-grids: Application to a building lighting network with VRLA batteries. European Journal of Electrical Engineering, Vol. 23, No. 6, pp. 455-466. https://doi.org/10.18280/ejee.230605
6	Azzoug, Y., Pusca, R., Sahrroui, M., Ammar, A., Ameid, T., Romary, R., Cardoso, A.J.M.	An Active Fault-Tolerant Control Strategy for Current Sensors Failure for Induction Motor Drives Using a Single Observer for Currents Estimation and Axes Transformation	direct torque control, fault-tolerant control, fault detection, induction motor drive, current estimation	23, 6, 467-474	https://doi.org/10.18280/ejee.230606	Azzoug, Y., Pusca, R., Sahrroui, M., Ammar, A., Ameid, T., Romary, R., Cardoso, A.J.M. (2021). An active fault-tolerant control strategy for current sensors failure for induction motor drives using a single observer for currents estimation and axes transformation. European Journal of Electrical Engineering, Vol. 23, No. 6, pp. 467-474. https://doi.org/10.18280/ejee.230606
7	Amor, Y.A., Didier, G., Hamoudi, F.	Protection of MTDC Network Using a Resistive Type Superconducting Fault Current Limiter	five terminal MTDC, resistive type SFCL, hybrid DC circuit breaker, DC fault, transient stability	23, 6, 475-480	https://doi.org/10.18280/ejee.230607	Amor, Y.A., Didier, G., Hamoudi, F. (2021). Protection of MTDC network using a resistive type superconducting fault current limiter. European Journal of Electrical Engineering, Vol. 23, No. 6, pp. 475-480. https://doi.org/10.18280/ejee.230607
8	Darques, K., Tounzi, A., Benabou, A., Shihab, S., Korecki, J., Boughanmi, W., Laloy, D.	Iron Loss Quantification in the Aim of the Estimation of Eddy Currents in Clamping Devices	iron losses, eddy currents, finite element method, end effects	23, 6, 481-486	https://doi.org/10.18280/ejee.230608	Darques, K., Tounzi, A., Benabou, A., Shihab, S., Korecki, J., Boughanmi, W., Laloy, D. (2021). Iron loss quantification in the aim of the estimation of eddy currents in clamping devices. European Journal of Electrical Engineering, Vol. 23, No. 6, pp. 481-486. https://doi.org/10.18280/ejee.230608
9	Harrabi, N., De Almeida, J.S., Laboudi, K.	Controller Design Approach for SVPWM-Regulated AC/DC Rectifier	SVPWM control, AC/DC converter, rectifier, decoupling control, three phase system	23, 5, 353-360	https://doi.org/10.18280/ejee.230501	Harrabi, N., De Almeida, J.S., Laboudi, K. (2021). Controller design approach for SVPWM-regulated AC/DC rectifier. European Journal of Electrical Engineering, Vol. 23, No. 5, pp. 353-360. https://doi.org/10.18280/ejee.230501
10	Mekki, M., Boulouiha, H.M., Allali, A., Denai, M.	Impact of the Integration of a STATCOM Controlled by LQG/H2 Regulator in an Energy System	LQG/H2 control, NPC inverter, power quality, reactive power, SVPWM, STATCOM, Three-level, THD	23, 5, 361-370	https://doi.org/10.18280/ejee.230502	Mekki, M., Boulouiha, H.M., Allali, A., Denai, M. (2021). Impact of the integration of a STATCOM controlled by LQG/H2 regulator in an energy system. European Journal of Electrical Engineering, Vol. 23, No. 5, pp. 361-370. https://doi.org/10.18280/ejee.230502
11	Attachie, J.C., Amuzivi, C.K., Diamenu, G.	Stochastic Modelling and Stability Analysis of Large-Scale Wind Power Generation System with Dynamic Loads	chapman-kolmogorov equation, eigenvalue, master equation, stability, stochastic, transition rate, variable renewable energy	23, 5, 371-380	https://doi.org/10.18280/ejee.230503	Attachie, J.C., Amuzivi, C.K., Diamenu, G. (2021). Stochastic modelling and stability analysis of large-scale wind power generation system with dynamic loads. European Journal of Electrical Engineering, Vol. 23, No. 5, pp. 371-380. https://doi.org/10.18280/ejee.230503
12	Ibrahim, K.H., Korany, N.R., Saleh, S.M.	Effects of VA Rating on the Fault Diagnosis of Power Transformer Using SFRA Test	SFRA, statistical parameters, VA rating, fault diagnosis, features	23, 5, 381-389	https://doi.org/10.18280/ejee.230504	Ibrahim, K.H., Korany, N.R., Saleh, S.M. (2021). Effects of VA rating on the fault diagnosis of power transformer using SFRA test. European Journal of Electrical Engineering, Vol. 23, No. 5, pp. 381-389. https://doi.org/10.18280/ejee.230504
13	Hadjira, A., Khalissa, B., Ziyad, B., Nadjat, Z.	MPPT for Photovoltaic System Using Adaptive Fuzzy Backstepping Sliding Mode Control	backstepping sliding mode control, adaptive fuzzy control, Lyapunov stability, MPPT, photovoltaic system, DC-DC converter	23, 5, 391-399	https://doi.org/10.18280/ejee.230505	Hadjira, A., Khalissa, B., Ziyad, B., Nadjat, Z. (2021). MPPT for photovoltaic system using adaptive fuzzy backstepping sliding mode control. European Journal of Electrical Engineering, Vol. 23, No. 5, pp. 391-399. https://doi.org/10.18280/ejee.230505
14	Yadav, M.P., Sujatha, P., Kumar, P.B.	Power Quality Improvement Using Dynamic Voltage Restorer on Grid-Connected Wind Energy System	renewable energy balanced faults, transient stability, dynamic voltage restorer (DVR), wind generator, power quality, space vector pulse with modulation	23, 5, 401-407	https://doi.org/10.18280/ejee.230506	Yadav, M.P., Sujatha, P., Kumar, P.B. (2021). Power quality improvement using dynamic voltage restorer on grid-connected wind energy system. European Journal of Electrical Engineering, Vol. 23, No. 5, pp. 401-407. https://doi.org/10.18280/ejee.230506
15	Arbi, I.B., Allag, A.	Sensorless Direct Torque Control of PMSM Based on Fuzzy Sliding Mode Control with Full Order Sliding Mode Observer	PMSM, DTC, attractiveness condition, Fuzzy Sliding Mode Controller (FSMC), Full Order Sliding Mode Observer (FOSMO), DTC-FSMC	23, 5, 409-415	https://doi.org/10.18280/ejee.230507	Arbi, I.B., Allag, A. (2021). Sensorless Direct Torque Control of PMSM based on Fuzzy Sliding Mode Control with Full Order Sliding Mode Observer. European Journal of Electrical Engineering, Vol. 23, No. 5, pp. 409-415. https://doi.org/10.18280/ejee.230507
16	Mohammedali, A.F.G., Hamouda, M., Touhami, G.	Dynamic Impact Analysis of Integrating a 6 MW Solar Photovoltaic Power Plant into Medium Voltage Distribution Network	PV plant, dynamic analysis, PV integration, distribution network, Etap	23, 5, 417-422	https://doi.org/10.18280/ejee.230508	Mohammedali, A.F.G., Hamouda, M., Touhami, G. (2021). Dynamic impact analysis of integrating a 6 MW solar photovoltaic power plant into medium voltage distribution network. European Journal of Electrical Engineering, Vol. 23, No. 5, pp. 417-422. https://doi.org/10.18280/ejee.230508
17	Carrillo-Santos, L.M., Ponce-Silva, M., Reyes-Severiano, Y., Cortés-García, C.	Implementation of the Three-Phase Inverter of Medium Power for Applications in Photovoltaic Pumping Systems Avoiding Oversizing	modulation technique, switching signals, starting current, induction motor operation mode, photovoltaic system, inverter	23, 4, 281-288	https://doi.org/10.18280/ejee.230401	Carrillo-Santos, L.M., Ponce-Silva, M., Reyes-Severiano, Y., Cortés-García, C. (2021). Implementation of the three-phase inverter of medium power for applications in photovoltaic pumping systems avoiding oversizing. European Journal of Electrical Engineering, Vol. 23, No. 4, pp. 281-288. https://doi.org/10.18280/ejee.230401
18	Meriouma, T., Bessedik, S.A., Djekidel, R.	Modelling of Electric and Magnetic Field Induction under Overhead Power Line Using Improved Simulation Techniques	charge simulation method (CSM), current simulation technique (CST), electric field, magnetic induction, krill herd algorithm (KH), grasshopper optimization algorithm (GOA), COMSOL Multiphysics 4.3b	23, 4, 289-300	https://doi.org/10.18280/ejee.230402	Meriouma, T., Bessedik, S.A., Djekidel, R. (2021). Modelling of electric and magnetic field induction under overhead power line using improved simulation techniques. European Journal of Electrical Engineering, Vol. 23, No. 4, pp. 289-300. https://doi.org/10.18280/ejee.230402

19	Djelamda, I., Bouchareb, I., Lebaroud, A.	High Performance Hybrid FOC-Fuzzy-PI Controller for PMSM Drives	electric vehicle, permanent magnet synchronous motor (PMSM), field-oriented control (FOC), Fuzzy-PI controller	23, 4, 301-310	https://doi.org/10.18280/ejee.230403	Djelamda, I., Bouchareb, I., Lebaroud, A. (2021). High performance hybrid FOC-fuzzy-PI controller for PMSM drives. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 4, pp. 301-310. https://doi.org/10.18280/ejee.230403
20	Donfack, C.K., Kom, C.H., Mandeng, J.J., Paune, F.	Design of a New Duty Cycle Modulation to Improve the Energy Quality of an Insulated Production System	three-phase inverter; PWM, DCM, harmonic distortions, symmetrical components, Park and Fortescue transformations	23, 4, 311-319	https://doi.org/10.18280/ejee.230404	Donfack, C.K., Kom, C.H., Mandeng, J.J., Paune, F. (2021). Design of a new duty cycle modulation to improve the energy quality of an insulated production system. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 4, pp. 311-319. https://doi.org/10.18280/ejee.230404
21	Dastgeer, F., Gelani, H.E., Akram, M., Shabbir, Z.	Animate Prime Movers: A Prototype Based Methodology for Estimation of Renewable Power Production	animate prime mover, animal power, exercise energy generation, renewable energy, distributed generation	23, 4, 321-326	https://doi.org/10.18280/ejee.230405	Dastgeer, F., Gelani, H.E., Akram, M., Shabbir, Z. (2021). Animate prime movers: A prototype based methodology for estimation of renewable power production. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 4, pp. 321-326. https://doi.org/10.18280/ejee.230405
22	Li, Z., Wei, W.J., Wu, X.C., Liu, Y., Yu, J.B.	Running Status Diagnosis of S700K Turnout Based on VMD-KPCA and Fuzzy Clustering	railway engineering, running state diagnosis of S700K turnout, variational mode decomposition, kernel principal component analysis, fuzzy cluster analysis	23, 4, 327-335	https://doi.org/10.18280/ejee.230406	Li, Z., Wei, W.J., Wu, X.C., Liu, Y., Yu, J.B. (2021). Running status diagnosis of S700K turnout based on VMD-KPCA and fuzzy clustering. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 4, pp. 327-335. https://doi.org/10.18280/ejee.230406
23	Ghania, O., Hamza, H., Abderzak, G., Samir, B.	Frequency Response Analysis Technique of Short Circuit Faults Estimation in Photovoltaic Single-Phase Inverter Experimental Study	short-circuit fault, single-phase inverter, frequency response analysis FRA, inverter HF model	23, 4, 337-343	https://doi.org/10.18280/ejee.230407	Ghania, O., Hamza, H., Abderzak, G., Samir, B. (2021). Frequency response analysis technique of short circuit faults detection in photovoltaic single-phase inverter experimental study. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 4, pp. 337-343. https://doi.org/10.18280/ejee.230407
24	Benheniche, A., Berrezeck, F.	Integral Backstepping Control of Induction Machine	induction motor, nonlinear control technique, integral backstepping control, flux estimator, Lyapunov stability	23, 4, 345-351	https://doi.org/10.18280/ejee.230408	Benheniche, A., Berrezeck, F. (2021). Integral backstepping control of induction machine. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 4, pp. 345-351. https://doi.org/10.18280/ejee.230408
25	Mohammed, M., Abdelmadjid, B., Djamil, B.	Comparative Study Between Integrator Backstepping and Fuzzy Logic Control Applied to an Electric Powered Wheelchair	electric powered wheelchair, PMSM, modelling, fuzzy logic, control, trajectory generation, integrator backstepping, tracking trajectory	23, 3, 165-174	https://doi.org/10.18280/ejee.230301	Mohammed, M., Abdelmadjid, B., Djamil, B. (2021). Comparative study between integrator backstepping and fuzzy logic control applied to an electric powered wheelchair. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 165-174. https://doi.org/10.18280/ejee.230301
26	Mulla, M.A., Dobariya, V.J., Vamja, R.V., Sircar, A.	Battery Charger Utilizing Coupled Inductor Based High Gain Bidirectional DC-DC Converter: Analysis, Design, and Implementation	battery charging, bidirectional DC-DC converter, high voltage gain, coupled inductor	23, 3, 175-184	https://doi.org/10.18280/ejee.230302	Mulla, M.A., Dobariya, V.J., Vamja, R.V., Sircar, A. (2021). Battery charger utilizing coupled inductor based high gain bidirectional DC-DC converter: Analysis, design, and implementation. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 175-184. https://doi.org/10.18280/ejee.230302
27	Ndoumbe, L.D., Eke, S., Kom, C.H., Yeremou, A.T., Nanfak, A., Ngaleu, G.M.	Power Quality Problems, Signature Method for Voltage Dips and Swells Detection, Classification and Characterization	power quality, voltage dips, voltage swells, signatures	23, 3, 185-195	https://doi.org/10.18280/ejee.230303	Ndoumbe, L.D., Eke, S., Kom, C.H., Yeremou, A.T., Nanfak, A., Ngaleu, G.M. (2021). Power quality problems, signature method for voltage dips and swells detection, classification and characterization. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 185-195. https://doi.org/10.18280/ejee.230303
28	Al-Momani, M.M., Hatmi, A.S.M., Al-Gharaibeh, S.F.	Performance Analysis of the Distance Relay Characteristics in a Compensated Transmission Line	distance protection, FACTS devices, MATLAB, measured impedance	23, 3, 197-205	https://doi.org/10.18280/ejee.230304	Al-Momani, M.M., Hatmi, A.S.M., Al-Gharaibeh, S.F. (2021). Performance analysis of the distance relay characteristics in a compensated transmission line. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 197-205. https://doi.org/10.18280/ejee.230304
29	Zouheyr, D., Lotfi, B., Abdelmadjid, B.	Real-Time Emulation of a Grid-Connected Wind Energy Conversion System Based Double Fed Induction Generator Configuration under Random Operating Modes	wind energy conversion system, double fed induction generator, dc motor, wind turbine emulator, maximum power point tracking	23, 3, 207-219	https://doi.org/10.18280/ejee.230305	Zouheyr, D., Lotfi, B., Abdelmadjid, B. (2021). Real-time emulation of a grid-connected wind energy conversion system based double fed induction generator configuration under random operating modes. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 207-219. https://doi.org/10.18280/ejee.230305
30	Hassan, R.F., Shyaa, S.S.	Design and Analysis of the STATCOM Based on Diode Clamped Multilevel Converter Using Model Predictive Current Control Strategy	STATCOM, diode clamped converter, model predictive current control, low harmonic distortion	23, 3, 221-228	https://doi.org/10.18280/ejee.230306	Hassan, R.F., Shyaa, S.S. (2021). Design and analysis of the STATCOM based on diode clamped multilevel converter using model predictive current control strategy. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 221-228. https://doi.org/10.18280/ejee.230306
31	Qin, J.H., Wang, W.R., Liu, X.	Parameter Tuning of Brushless DC Motor for Improving Control Effect with Worm Algorithm	BLDCM, parameter tuning, WOA, speed control	23, 3, 229-235	https://doi.org/10.18280/ejee.230307	Qin, J.H., Wang, W.R., Liu, X. (2021). Parameter tuning of brushless DC motor for improving control effect with worm algorithm. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 229-235. https://doi.org/10.18280/ejee.230307
32	Sánchez-Vargas, O., De León-Aldaco, S.E., Aguayo-Alquicira, J., López-Núñez, A.R.	Evolutionary Metaheuristic Methods Applied to Minimize the THD in Inverters: A Systematic Review	differential evolution, evolutive algorithm metaheuristic algorithm, multilevel inverter	23, 3, 237-245	https://doi.org/10.18280/ejee.230308	Sánchez-Vargas, O., De León-Aldaco, S.E., Aguayo-Alquicira, J., López-Núñez, A.R. (2021). Evolutionary metaheuristic methods applied to minimize the THD in inverters: A systematic review. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 237-245. https://doi.org/10.18280/ejee.230308
33	Safari, B., Hosseini, S.E.	Analytical Modeling of Line-Tunneling TFETs Based on Low-Bandgap Semiconductors	analytical modelling, line-tunneling, low-bandgap semiconductor, minimum tunnel path, tunnel field-effect transistor (TFET)	23, 3, 247-253	https://doi.org/10.18280/ejee.230309	Safari, B., Hosseini, S.E. (2021). Analytical modeling of line-tunneling TFETs based on low-bandgap semiconductors. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 247-253. https://doi.org/10.18280/ejee.230309
34	Rezini, S., Azzouz, Z.	Contribution of Multilevel Inverters in Improving Electrical Energy Quality: Study and Analysis	power electronics, conventional inverter, multilevel inverter, PWM control, flying capacitor multilevel inverter, neutral point clamped multilevel inverter, cascaded h-bridge multilevel inverter, total harmonic distortion (THD)	23, 3, 255-263	https://doi.org/10.18280/ejee.230310	Rezini, S., Azzouz, Z. (2021). Contribution of multilevel inverters in improving electrical energy quality: Study and analysis. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 255-263. https://doi.org/10.18280/ejee.230310
35	Obando, J.A., Serrano, V.	Implementation of a Hybrid ANN-Based Filter for the Reduction of Harmonic Currents	hybrid filter, odd harmonic, subharmonic, interharmonic neural network, harmonic distortion, damping, cycloconverter	23, 3, 265-272	https://doi.org/10.18280/ejee.230311	Obando, J.A., Serrano, V. (2021). Implementation of a hybrid ANN-based filter for the reduction of harmonic currents. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 265-272. https://doi.org/10.18280/ejee.230311
36	Slimani, H., Zeghoudi, A., Bendaoud, A., Reguig, A., Benazza, B., Benhadda, N.	Experimental Measurement of Conducted Emissions Generated by Static Converters in Common and Differential Modes	EMI, static converter, LISN, common mode, differential mode, simulation, measurement	23, 3, 273-279	https://doi.org/10.18280/ejee.230312	Slimani, H., Zeghoudi, A., Bendaoud, A., Reguig, A., Benazza, B., Benhadda, N. (2021). Experimental measurement of conducted emissions generated by static converters in common and differential modes. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 3, pp. 273-279. https://doi.org/10.18280/ejee.230312

37	Atig, M., Bouheraoua, M., Khaldi, R.	Thermal Study of Three-Phase Squirrel Cage Induction Motor with the Open-Phase Fault Operation Using a Lumped Parameter Network (LPTN)	electric breakdown, induction motor, lumped parameter, open phase fault, thermal modelling	23, 2, 87-94	https://doi.org/10.18280/ejee.230201	Atig, M., Bouheraoua, M., Khaldi, R. (2021). Thermal study of three-phase squirrel cage induction motor with the open-phase fault operation using a lumped parameter network (LPTN). <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 2, pp. 87-94. https://doi.org/10.18280/ejee.230201
38	Tavarov, S.S., Sidorov, A.I., Valeev, R.G., Zykina, E.V.	Estimation Method of the State of 6-10 kV Distribution Network	electrical distribution networks, reliability indicators	23, 2, 95-101	https://doi.org/10.18280/ejee.230202	Tavarov, S.S., Sidorov, A.I., Valeev, R.G., Zykina, E.V. (2021). Estimation method of the state of 6-10 kV distribution network. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 2, pp. 95-101. https://doi.org/10.18280/ejee.230202
39	Ngaleu, G.M., Kom, C.H., Yeremou, A.T., Eke, S., Nanfak, A.	Design of New Duty-Cycle Modulator Structures for Industrials Applications, an Alternative to Pulse-Width Modulation	duty-cycle modulation, pulse width modulation, industrials applications	23, 2, 103-111	https://doi.org/10.18280/ejee.230203	Ngaleu, G.M., Kom, C.H., Yeremou, A.T., Eke, S., Nanfak, A. (2021). Design of new duty-cycle modulator structures for industrials applications, an alternative to pulse-width modulation. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 2, pp. 103-111. https://doi.org/10.18280/ejee.230203
40	Triki, Y., Bechouche, A., Seddiki, H., Abdeslam, D.O.	An Accurate Orthogonal Signal Generator for Voltage Control in Synchronous Reference Frame of Stand-Alone Single-Phase Voltage Source Inverters	adaptive linear neuron, control in synchronous reference frame, nonlinear load, orthogonal signal generation, voltage source inverter	23, 2, 113-122	https://doi.org/10.18280/ejee.230204	Triki, Y., Bechouche, A., Seddiki, H., Abdeslam, D.O. (2021). An accurate orthogonal signal generator for voltage control in synchronous reference frame of stand-alone single-phase voltage source inverters. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 2, pp. 113-122. https://doi.org/10.18280/ejee.230204
41	Zhang, B.G., Hong, D.Y.	Research on an Improved Single-Phase Unisolated Grid-Connected Photovoltaic Inverter	common mode leakage current, single phase non-isolation, photovoltaic grid connection, topological structure, conversion efficiency	23, 2, 123-130	https://doi.org/10.18280/ejee.230205	Zhang, B.G., Hong, D.Y. (2021). Research on an improved single-phase unisolated grid-connected photovoltaic inverter. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 2, pp. 123-130. https://doi.org/10.18280/ejee.230205
42	Maheshwari, A.K., Mahar, M.A., Larik, A.S., Soomro, A.H.	Design and Analyses of Multi-Carrier Pulse Width Modulation Techniques for Double Level Circuit Based Cascaded H-Bridge Multilevel Inverter	multi-level inverter, cascaded H-Bridge, multicarrier pulse width modulation, Simulink, THD, output voltage	23, 2, 131-136	https://doi.org/10.18280/ejee.230206	Maheshwari, A.K., Mahar, M.A., Larik, A.S., Soomro, A.H. (2021). Design and analyses of multi-carrier pulse width modulation techniques for double level circuit based cascaded H-bridge multilevel inverter. <i>European Journal of Electrical Engineering</i> , Vol. 23, No. 2, pp. 131-136. https://doi.org/10.18280/ejee.230206
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130	Mandi, B., Menni, Y., Chamkha, A.J., Lorenzini, G., Kaid, N., Bibi-Triki, N., Bensafi, M., Ameer, H., Sahel, D.	Effect of various physical parameters on the productivity of the hybrid distiller - in the time of distillation extension at night	hybrid distillation, modeling, hybrid coupling with a cylindro parabolic concentrator, photovoltaic generator, thermal conversion, electrical conversion	21, 3, 265-271	https://doi.org/10.18280/ejee.210301	Mandi, B., Menni, Y., Chamkha, A.J., Lorenzini, G., Kaid, N., Bibi-Triki, N., Bensafi, M., Ameer, H., Sahel, D. (2019). Effect of various physical parameters on the productivity of the hybrid distiller - in the time of distillation extension at night. European Journal of Electrical Engineering, Vol. 21, No. 3, pp. 265-271. https://doi.org/10.18280/ejee.210301
131	Krčmafič, D., Petru, M., Moezzi, R.	Innovative IoT sensing and communication unit in agriculture	internet of thing, smart agriculture, tensometer, precision agriculture, GSM, big data	21, 3, 273-278	https://doi.org/10.18280/ejee.210302	Krčmafič, D., Petru, M., Moezzi, R. (2019). Innovative IoT sensing and communication unit in agriculture. European Journal of Electrical Engineering, Vol. 21, No. 3, pp. 273-278. https://doi.org/10.18280/ejee.210302
132	Zhang, T.R., Xu, Y.J., Shi, L.	A submodule topology for modular multilevel converter with self-cleaning ability of direct current fault	Modular Multilevel Converter (MMC), Similarity Half-Bridge Submodule (SHBSM), Self-Cleaning, High-Voltage Direct Current (HVDC) Transmission	21, 3, 279-284	https://doi.org/10.18280/ejee.210303	Zhang, T.R., Xu, Y.J., Shi, L. (2019). A submodule topology for modular multilevel converter with self-cleaning ability of direct current fault. European Journal of Electrical Engineering, Vol. 21, No. 3, pp. 279-284. https://doi.org/10.18280/ejee.210303
133	Sari-Ali, I., Benyoucef, B., Chikh-Bled, B., Menni, Y., Chamkha, A.J., Lorenzini, G.	Study of models using one or two exponentials to simulate the characteristic current-voltage of silicon solar cells	solar cells with high efficiency and low cost, solar cell efficiency, characteristic current-voltage of solar cell, production of electricity, silicon	21, 3, 285-289	https://doi.org/10.18280/ejee.210304	Sari-Ali, I., Benyoucef, B., Chikh-Bled, B., Menni, Y., Chamkha, A.J., Lorenzini, G. (2019). Study of models using one or two exponentials to simulate the characteristic current-voltage of silicon solar cells. European Journal of Electrical Engineering, Vol. 21, No. 3, pp. 285-289. https://doi.org/10.18280/ejee.210304
134	Chen, Q., Lv, G., Zhang, R.L., Tang, H.D., Luo, Z.Y.	Optimal transmission of high-frequency voltage signals under remote control	transmission lines, transmission signals, optimization, high-frequency voltage, suppression	21, 3, 291-296	https://doi.org/10.18280/ejee.210305	Chen, Q., Lv, G., Zhang, R.L., Tang, H.D., Luo, Z.Y. (2019). Optimal transmission of high-frequency voltage signals under remote control. European Journal of Electrical Engineering, Vol. 21, No. 3, pp. 291-296. https://doi.org/10.18280/ejee.210305
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136	Shen, Z.J., Wang, R.G.	Design and application of an improved least mean square algorithm for adaptive filtering	Adaptive Filtering, Least Mean Square (LMS) algorithm, variable step size, noise cancellation	21, 3, 303-307	https://doi.org/10.18280/ejee.210307	Shen, Z.J., Wang, R.G. (2019). Design and application of an improved least mean square algorithm for adaptive filtering. European Journal of Electrical Engineering, Vol. 21, No. 3, pp. 303-307. https://doi.org/10.18280/ejee.210307
137	Saleh, S.M., Farag, A.S.	Review fixed-speed wind turbine control strategies for direct grid connection	Fixed Speed Wind Turbine (FSWT), gear ration control, excitation capacitor control, realistic wind model, squirrel cage generator	21, 3, 309-315	https://doi.org/10.18280/ejee.210308	Saleh, S.M., Farag, A.S. (2019). Review fixed-speed wind turbine control strategies for direct grid connection. European Journal of Electrical Engineering, Vol. 21, No. 3, pp. 309-315. https://doi.org/10.18280/ejee.210308
138	Chen, L., Han, W., Huang, Y.H., Cao, X.	Online fault diagnosis for photovoltaic modules based on probabilistic neural network	Photovoltaic (PV) Modules, Fault Diagnosis, Probabilistic Neural Network (PNN), backpropagation neural network (BPNN)	21, 3, 317-325	https://doi.org/10.18280/ejee.210309	Chen, L., Han, W., Huang, Y.H., Cao, X. (2019). Online fault diagnosis for photovoltaic modules based on probabilistic neural network. European Journal of Electrical Engineering, Vol. 21, No. 3, pp. 317-325. https://doi.org/10.18280/ejee.210309
139	Manukonda, D., Gorantla, S.R.	Design and comparison of standalone bladeless wind solar hybrid system with the conventional standalone wind solar hybrid system	Bladeless Standalone Wind Hybrid System, Conventional Hybrid System, Bladeless Wind Turbine, Vortex Vibrations	21, 3, 327-332	https://doi.org/10.18280/ejee.210310	Manukonda, D., Gorantla, S.R. (2019). Design and comparison of standalone bladeless wind solar hybrid system with the conventional standalone wind solar hybrid system. European Journal of Electrical Engineering, Vol. 21, No. 3, pp. 327-332. https://doi.org/10.18280/ejee.210310
140	Medjmadi, S.	Fault tolerant control of pmsm drive using luenberger and adaptive back-EMF observers	PMSM, Fault Tolerant Control (FTC), mechanical sensor failure, voting algorithm, sensorless control	21, 3, 333-339	https://doi.org/10.18280/ejee.210311	Medjmadi, S. (2019). Fault tolerant control of pmsm drive using luenberger and adaptive back-EMF observers. European Journal of Electrical Engineering, Vol. 21, No. 3, pp. 333-339. https://doi.org/10.18280/ejee.210311
141	Herizi, O., Barkat, S.	Backstepping control associated to modified space vector modulation for quasi z-source inverter fed by a PEMFC	quasi z-source inverter, modified space vector modulation, backstepping control, fuel cell	21, 2, 125-132	https://doi.org/10.18280/ejee.210201	Herizi, O., Barkat, S. (2019). Backstepping control associated to modified space vector modulation for quasi z-source inverter fed by a PEMFC. European Journal of Electrical Engineering, Vol. 21, No. 2, pp. 125-132. https://doi.org/10.18280/ejee.210201
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143	Rayalla, R., Ambati, R.S., Gara, B.U.B.	An improved fractional filter fractional IMC-PID controller design and analysis for enhanced performance of non-integer order plus time delay processes	internal model control, robustness, fragility, fractional imc filter structure, uncertainty	21, 2, 139-147	https://doi.org/10.18280/ejee.210203	Rayalla, R., Ambati, R.S., Gara, B.U.B. (2019). An improved fractional filter fractional IMC-PID controller design and analysis for enhanced performance of non-integer order plus time delay processes. European Journal of Electrical Engineering, Vol. 21, No. 2, pp. 139-147. https://doi.org/10.18280/ejee.210203
144	Griche, I., Messalti, S., Saoudi, K., Touafek, M.Y.	A new adaptive neuro-fuzzy inference system (ANFIS) and pi controller to voltage regulation of power system equipped by wind turbine	power network, Distributed Generator (DG), simulation, intelligent controller	21, 2, 149-155	https://doi.org/10.18280/ejee.210204	Griche, I., Messalti, S., Saoudi, K., Touafek, M.Y. (2019). A new adaptive neuro-fuzzy inference system (ANFIS) and PI controller to voltage regulation of power system equipped by wind turbine. European Journal of Electrical Engineering, Vol. 21, No. 2, pp. 149-155. https://doi.org/10.18280/ejee.210204

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146	Ghataoui, T., Benatiallah, A., Khachab, H., Sahli, Y., Koussa, K.	Neural network modeling and experimental evaluation of organic solar panel performance in algerian sahara	organic solar cells, artificial neural network, electrical parameters, voltage-current characteristic, PV panel	21, 2, 165-169	https://doi.org/10.18280/ejee.210206	Ghataoui, T., Benatiallah, A., Khachab, H., Sahli, Y., Koussa, K. (2019). Neural network modeling and experimental evaluation of organic solar panel performance in algerian sahara. <i>European Journal of Electrical Engineering</i> , Vol. 21, No. 2, pp. 165-169. https://doi.org/10.18280/ejee.210206
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148	Liu, L., Wang, S.T.	Improving low voltage ride-through with STATCOM and sdr for wind turbine with squirrel-cage induction generator	low voltage ride-through, series dynamic breaking resistor, STATCOM, squirrel-cage induction generator	21, 2, 179-187	https://doi.org/10.18280/ejee.210208	Liu, L., Wang, S.T. (2019). Improving low voltage ride-through with STATCOM and SDBR for wind turbine with squirrel-cage induction generator. <i>European Journal of Electrical Engineering</i> , Vol. 21, No. 2, pp. 179-187. https://doi.org/10.18280/ejee.210208
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150	Wu, D.X., Fan, W.P., Xue, F., Jiang, G.S.	A cooperative spectrum sensing algorithm to minimize the sensing overhead of cognitive radio system	Cognitive Radio (CR), spectrum sensing, sensing overhead, sensing duration, cognitive users	21, 2, 193-197	https://doi.org/10.18280/ejee.210210	Wu, D.X., Fan, W.P., Xue, F., Jiang, G.S. (2019). A cooperative spectrum sensing algorithm to minimize the sensing overhead of cognitive radio system. <i>European Journal of Electrical Engineering</i> , Vol. 21, No. 2, pp. 193-197. https://doi.org/10.18280/ejee.210210
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152	Bapat, S.M., Gokak, G.D.	Exergetic evaluation and optimization of combined heat and power (CHP) plant of 20.7 mw capacities under varying load conditions: a case study	bagasse, biomass combined heat and power, cogeneration, exergy analysis, sugar	21, 2, 207-215	https://doi.org/10.18280/ejee.210212	Bapat, S.M., Gokak, G.D. (2019). Exergetic evaluation and optimization of combined heat and power (CHP) plant of 20.7 MW capacities under varying load conditions: A case study. <i>European Journal of Electrical Engineering</i> , Vol. 21, No. 2, pp. 207-215. https://doi.org/10.18280/ejee.210212
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156	Zhang, J., Liu, B.X., Wu, Y.Q., Yi, H.C.	Numerical simulation and anomalies qualification based on ground-well transient electromagnetics method	Ground-Well Transient Electromagnetics (G-W TEM), linear conductor, observation mode, curve feature	21, 2, 235-240	https://doi.org/10.18280/ejee.210216	Zhang, J., Liu, B.X., Wu, Y.Q., Yi, H.C. (2019). Numerical simulation and anomalies qualification based on ground-well transient electromagnetics method. <i>European Journal of Electrical Engineering</i> , Vol. 21, No. 2, pp. 235-240. https://doi.org/10.18280/ejee.210216
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172	Bendaikha, A., Saad, S., Abdou, A., Defdaf, M., Laamari, Y.	A study of SVM-DTC and conventional DTC for induction motors drive fed by five-level inverter	space vector algorithm, switching frequency, harmonic distortion, stator flux, diode clamped inverter, reference voltages, pi controllers, torque fluctuations, duration of the commutations	21, 1, 85-91	https://doi.org/10.18280/ejee.210113	Bendaikha, A., Saad, S., Abdou, A., Defdaf, M., Laamari, Y. (2019). A Study of SVM-DTC and conventional DTC for induction motors drive fed by five-level inverter, European Journal of Electrical Engineering, Vol. 21, No. 1, pp. 85-91. https://doi.org/10.18280/ejee.210113
173	Maouedj, R., Benmedjahed, M., Saba, D., Mamemri, A., Barbaoui, B., Bezari S.	Experimental analysis of a stand-alone wind-photovoltaic hybrid system in the sahara desert	hybrid system, wind, photovoltaic, battery, load	21, 1, 93-97	https://doi.org/10.18280/ejee.210114	Maouedj, R., Benmedjahed, M., Saba, D., Mamemri, A., Barbaoui, B., Bezari S. (2019). Experimental analysis of a stand-alone wind-photovoltaic hybrid system in the Sahara desert, European Journal of Electrical Engineering, Vol. 21, No. 1, pp. 93-97. https://doi.org/10.18280/ejee.210114
174	Zhang, T.F., Li, Z., Chen, Z.H., Jing, X.	Design and performance verification of an optimized multi-agent system	Multi-Agent System (MAS), socket-based connection, optimized serial line internet protocol (O-SLIP), network saturation, agent load capacity, performance analysis	21, 1, 99-105	https://doi.org/10.18280/ejee.210115	Zhang, T.F., Li, Z., Chen, Z.H., Jing, X. (2019). Design and performance verification of an optimized multi-agent system, European Journal of Electrical Engineering, Vol. 21, No. 1, pp. 99-105. https://doi.org/10.18280/ejee.210115
175	Zhang, T.Y., Li, Y.D.	A simplified pulse width modulation algorithm for model prediction of cascade static synchronous compensator	Cascade Static Synchronous Compensator (STATCOM), Reactive Power Compensation (RPC), Pulse Width Modulation (PWM), Virtual Flux (VF), DC-side voltage balancing	21, 1, 107-113	https://doi.org/10.18280/ejee.210116	Zhang, T.Y., Li, Y.D. (2019). A Simplified Pulse Width Modulation Algorithm for Model Prediction of Cascade Static Synchronous Compensator, European Journal of Electrical Engineering, Vol. 21, No. 1, pp. 107-113. https://doi.org/10.18280/ejee.210116
176	Samra, C., Djallel, Z., Sahraoui, K., Driss, S., Ahmed, B.	Cascading heat transformation process for power generation	absorption, adsorption, joule cycle, organic rankine cycle, power generation, heat transformer, temperature, solar collector, working fluid	21, 1, 115-123	https://doi.org/10.18280/ejee.210117	Samra, C., Djallel, Z., Sahraoui, K., Driss, S., Ahmed, B. (2019). Cascading Heat Transformation Process for Power Generation, European Journal of Electrical Engineering, Vol. 21, No. 1, pp. 115-123. https://doi.org/10.18280/ejee.210117
177	Di Bella, G., Sapienza, A., Vasta, S., Lombardo, G.	Design of a geothermal plant to heat a waterpark swimming pool: Case study of tramutola (Basilicata, Italy)	geothermal, heating, design	20, 5-6, 539-557	https://doi.org/10.3166/EJEE.20.539-557	Di Bella, G., Sapienza, A., Vasta, S., Lombardo, G. (2018). Design of a geothermal plant to heat a waterpark swimming pool: Case study of tramutola (Basilicata, Italy), European Journal of Electrical Engineering, Vol. 20, No. 5-6, pp. 539-557. https://doi.org/10.3166/EJEE.20.539-557
178	Rao, D.S.N.M., Kumar, N.	Comparable investigation on TLBO algorithm for power system optimization	Valve Point Loading Effects, Non-Convex, T & L based Optimization, PSO, DE, HSA, Economic Dispatch	20, 5-6, 559-571	https://doi.org/10.3166/EJEE.20.559-571	Rao, D.S.N.M., Kumar, N. (2018). Comparable investigation on TLBO algorithm for power system optimization, European Journal of Electrical Engineering, Vol. 20, No. 5-6, pp. 559-571. https://doi.org/10.3166/EJEE.20.559-571
179	Shao, Z.H., Zhong, Z.X., Lin, W.Z.	Reliability analysis and matpower simulation of IEEE14 node based on mixed entropy measure	Mixed Entropy, Chain Failures, Vulnerability, Reliability Analysis	20, 5-6, 573-588	https://doi.org/10.3166/EJEE.20.573-588	Shao, Z.H., Zhong, Z.X., Lin, W.Z. (2018). Reliability analysis and matpower simulation of IEEE14 node based on mixed entropy measure, European Journal of Electrical Engineering, Vol. 20, No. 5-6, pp. 573-588. https://doi.org/10.3166/EJEE.20.573-588
180	Manukonda, D., Gorantla, S.R.	Design and comparison of MPPT based oscillatory wind turbine with conventional wind turbine	Oscillatory Wind Turbine, Perturb and Observe Maximum Power Point Tracking (MPPT), Fuzzy PID Controller, Conventional Wind Turbine	20, 5-6, 589-600	https://doi.org/10.3166/EJEE.20.589-600	Manukonda, D., Gorantla, S.R. (2018). Design and comparison of MPPT based oscillatory wind turbine with conventional wind turbine, European Journal of Electrical Engineering, Vol. 20, No. 5-6, pp. 589-600. https://doi.org/10.3166/EJEE.20.589-600

181	Lenin, K.	Real power loss diminution by camelopard optimization algorithm	Optimal Reactive Power, Transmission Loss, Camelopard Optimization Algorithm	20, 5-6, 601-616	https://doi.org/10.3166/EJEE.20.601-616	Lenin, K. (2018). Real power loss diminution by camelopard optimization algorithm. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 5-6, pp. 601-616. https://doi.org/10.3166/EJEE.20.601-616
182	Katuril, R., Gorantla, S.	Performance analysis of hybrid controller for automatic switching between energy sources of hybrid energy storage system	Proportional-Derivative Controller, Math Function-Based Controller, Ultracapacitor, Battery	20, 5-6, 617-630	https://doi.org/10.3166/EJEE.20.617-630	Katuril, R., Gorantla, S. (2018). Performance analysis of hybrid controller for automatic switching between energy sources of hybrid energy storage system. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 5-6, pp. 617-630. https://doi.org/10.3166/EJEE.20.617-630
183	Liu, Z., Liang, X., Huang, M., Ning, T.	Optimization of over-modulation technology for traction inverters	Switching Frequency, Over-Modulation, Harmonic Content, Modulation Factor	20, 5-6, 631-643	https://doi.org/10.3166/EJEE.20.631-643	Liu, Z., Liang, X., Huang, M., Ning, T. (2018). Optimization of over-modulation technology for traction inverters. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 5-6, pp. 631-643. https://doi.org/10.3166/EJEE.20.631-643
184	Abdelghafour, H., Abderrahmen, B., Samir, Z., Riyadh, R.	Backstepping control of a doubly-fed induction machine based on fuzzy controller	Doubly-Fed Induction Machine (DFIM), Backstepping Control, Theory of Lyapunov, Stator Flux Orientation, Fuzzy Logic, Hybrid Control, Robustness	20, 5-6, 645-657	https://doi.org/10.3166/EJEE.20.645-657	Abdelghafour, H., Abderrahmen, B., Samir, Z., Riyadh, R. (2018). Backstepping control of a doubly-fed induction machine based on fuzzy controller. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 5-6, pp. 645-657. https://doi.org/10.3166/EJEE.20.645-657
185	Choudhary, R., Jain, S.	Second order resistance with homogeneous-heterogeneous reactions for casson fluid in stagnation point flow and falkner-skani flow under presence of induced magnetic field	Homogeneous-heterogeneous, Falkner-Skan flow, Casson fluid, Induced magnetic field, Second order resistance	20, 5-6, 659-686	https://doi.org/10.3166/EJEE.20.659-686	Choudhary, R., Jain, S. (2018). Second order resistance with homogeneous-heterogeneous reactions for casson fluid in stagnation point flow and falkner-skani flow under presence of induced magnetic field. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 5-6, pp. 659-686. https://doi.org/10.3166/EJEE.20.659-686
186	Hadda, B., Larbi, C., Abdessalam, M.	A new technique of second order sliding mode control applied to induction motor	Induction Motor Control, Second Order Sliding Mode, Twisting Algorithm, Sliding Mode Observer, Robust Control	20, 4, 399-412	https://doi.org/10.3166/EJEE.20.399-412	Hadda, B., Larbi, C., Abdessalam, M. (2018). A new technique of second order sliding mode control applied to induction motor. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 4, pp. 399-412. https://doi.org/10.3166/EJEE.20.399-412
187	Shaik, K.P., Mohammad, M.H., Karimulla, S., Irshad, S.M.	Single stage boost inverter with low switching modulation technique	Single Stage Boost Inverter (SSBI), Low Switching Modulation (LSM), Voltage Stress, Current Stress	20, 4, 413-426	https://doi.org/10.3166/EJEE.20.413-426	Shaik, K.P., Mohammad, M.H., Karimulla, S., Irshad, S.M. (2018). Single stage boost inverter with low switching modulation technique. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 4, pp. 413-426. https://doi.org/10.3166/EJEE.20.413-426
188	Singhal, K., Goyal, G.R.	Comparative study of power consumption minimization in analog electronic circuit using AI techniques	Hybrid Algorithm, Power Consumption Minimization, Frequency Response Analysis, AI Techniques	20, 4, 427-438	https://doi.org/10.3166/EJEE.20.427-438	Singhal, K., Goyal, G.R. (2018). Comparative study of power consumption minimization in analog electronic circuit using AI techniques. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 4, pp. 427-438. https://doi.org/10.3166/EJEE.20.427-438
189	Du, Y., Shi, F., Chen, Q.X., Wang, Y.Q., Zhao, J.Z., Li, Q.	An improved particle swarm scheduling algorithm based on batch changing production time	Multi-Time, Multi-Variety, Variable Batch, Parallel Machine Scheduling, Improved Particle Swarm Optimization Algorithm	20, 4, 439-453	https://doi.org/10.3166/EJEE.20.439-453	Du, Y., Shi, F., Chen, Q.X., Wang, Y.Q., Zhao, J.Z., Li, Q. (2018). An improved particle swarm scheduling algorithm based on batch changing production time. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 4, pp. 439-453. https://doi.org/10.3166/EJEE.20.439-453
190	Manikandan, P., Khan, F.A.	Analysis of multimode oscillations caused by subsynchronous resonance on generator shaft	Modal analysis, subsynchronous resonance, turbine-generator, finite element method	20, 4, 455-468	https://doi.org/10.3166/EJEE.20.455-468	Manikandan, P., Khan, F.A. (2018). Analysis of multimode oscillations caused by subsynchronous resonance on generator shaft. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 4, pp. 455-468. https://doi.org/10.3166/EJEE.20.455-468
191	Rao, D.S.N.M., Kumar, N.	Optimal load dispatch solution of power system using enhanced harmony search algorithm	Non Convex, Economic Load Dispatch, Harmony Search Algorithm (HS), Enhanced Harmony Search Algorithm (EHS), Valve Point Loading	20, 4, 469-483	https://doi.org/10.3166/EJEE.20.469-483	Rao, D.S.N.M., Kumar, N. (2018). Optimal load dispatch solution of power system using enhanced harmony search algorithm. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 4, pp. 469-483. https://doi.org/10.3166/EJEE.20.469-483
192	Liu, T.	Status analysis and development planning for the network of charging stations	Electric Vehicles, Network of Charging Stations, Convenience	20, 4, 485-498	https://doi.org/10.3166/EJEE.20.485-498	Liu, T. (2018). Status analysis and development planning for the network of charging stations. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 4, pp. 485-498. https://doi.org/10.3166/EJEE.20.485-498
193	Abdelazm, Y.M., Wahba, W.E., Moustafa Hassan, M.A.	Mitigation of voltage swells in IEEE 30 bus and IEEE 57 bus systems using evolutionary techniques	Advanced Flexible Ac Transmission System, Power Quality, Swarm Intelligence, Total Harmonic Distortion, Voltage Swell Mitigation	20, 4, 499-516	https://doi.org/10.3166/EJEE.20.499-516	Abdelazm, Y.M., Wahba, W.E., Moustafa Hassan, M.A. (2018). Mitigation of voltage swells in IEEE 30 bus and IEEE 57 bus systems using evolutionary techniques. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 4, pp. 499-516. https://doi.org/10.3166/EJEE.20.499-516
194	Ismail, G., Toufik, B.M., Said, B.	Real time implementation of feedback linearization control based three phase shunt active power filter	Harmonics, Shunt Active Filter, Feedback, Total Harmonic Distortion	20, 4, 517-532	https://doi.org/10.3166/EJEE.20.517-532	Ismail, G., Toufik, B.M., Said, B. (2018). Real time implementation of feedback linearization control based three phase shunt active power filter. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 4, pp. 517-532. https://doi.org/10.3166/EJEE.20.517-532
195	Abdelazm, Y.M., Wahba, W.E., Moustafa Hassan, M.A.	Simulation of advanced STATCOM for voltage swell mitigation in large-scale test system based on swarm intelligence algorithms	Advanced Flexible Ac Transmission System, Evolutionary Techniques, Power Quality, Total Harmonic Distortion, Voltage Swell Mitigation	20, 3, 253-266	https://doi.org/10.3166/EJEE.20.253-266	Abdelazm, Y.M., Wahba, W.E., Moustafa Hassan, M.A. (2018). Simulation of advanced STATCOM for voltage swell mitigation in large-scale test system based on swarm intelligence algorithms. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 3, pp. 253-266. https://doi.org/10.3166/EJEE.20.253-266
196	Venkatesh, P.M., Babu, A.R.V., Suresh, K.	Experimental investigations on modified Savonius wind turbine with curtain arrangements in the middle of the highway	Modified Savonius Wind Turbine, Boost Power Converter, Highway Wind Mill, Computational Fluid Dynamics, Curtain	20, 3, 267-278	https://doi.org/10.3166/EJEE.20.267-278	Venkatesh, P.M., Babu, A.R.V., Suresh, K. (2018). Experimental investigations on modified Savonius wind turbine with curtain arrangements in the middle of the highway. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 3, pp. 267-278. https://doi.org/10.3166/EJEE.20.267-278
197	Hu, W., Zhang, B.	Short-term wind power forecast based on back-propagation neural network corrected by Markov chain	Markov Chain, Bp Neural Network, Wind Power Forecast, Combined Forecast	20, 3, 279-293	https://doi.org/10.3166/EJEE.20.279-293	Hu, W., Zhang, B. (2018). Short-term wind power forecast based on back-propagation neural network corrected by Markov chain. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 3, pp. 279-293. https://doi.org/10.3166/EJEE.20.279-293
198	Shaik, K.P., Irshad, S.M., Mohammad, M.H., Karimulla, S.	A new AC – AC converter with buck and boost options	Commutation, AC-AC Converter, Buck-Boost Modes, Inverting and Non-Inverting	20, 3, 295-308	https://doi.org/10.3166/EJEE.20.295-308	Shaik, K.P., Irshad, S.M., Mohammad, M.H., Karimulla, S. (2018). A new AC – AC converter with buck and boost options. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 3, pp. 295-308. https://doi.org/10.3166/EJEE.20.295-308

199	Luo, M.F., Lai, D.Y.	Distribution transformer monitoring and reactive power compensation	Transformer Terminal Unit (TTU), Central Processing Unit (CPU), Distribution Transformer, Digital Signal Processing (DSP), Reactive Power, Local Compensation	20, 3, 309-324	https://doi.org/10.3166/EJEE.20.309-324	Luo, M.F., Lai, D.Y. (2018). Distribution transformer monitoring and reactive power compensation. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 3, pp. 309-324. https://doi.org/10.3166/EJEE.20.309-324
200	Chatterjee, S., Acharya, J., Murari Pandey, K.	Degradation of aerodynamic performances of two typical aerofoils under heavy rain: A comparative study using CFD simulation	Angle of Attack, Lift, Drag, DPM, CFD	20, 3, 325-332	https://doi.org/10.3166/EJEE.20.325-332	Chatterjee, S., Acharya, J., Murari Pandey, K. (2018). Degradation of aerodynamic performances of two typical aerofoils under heavy rain: A comparative study using CFD simulation. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 3, pp. 325-332. https://doi.org/10.3166/EJEE.20.325-332
201	Liu, P., Yue, J.H.	Comparison between Dirichlet boundary condition and mixed boundary condition in resistivity tomography through finite-element simulation	Resistivity Tomography (RT), Dirichlet Boundary Condition, Mixed Boundary Condition, 2D Geoelectric Field with A Point Power Source	20, 3, 333-345	https://doi.org/10.3166/EJEE.20.333-345	Liu, P., Yue, J.H. (2018). Comparison between Dirichlet boundary condition and mixed boundary condition in resistivity tomography through finite-element simulation. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 3, pp. 333-345. https://doi.org/10.3166/EJEE.20.333-345
202	Nuthalapati, B., Sinha, U.K.	Location and detection of downed power line fault not touching the ground	Power Line Communication (PLC), PLG (power line guardian), High Impedance Faults (HIF's), Active Smart Wires (ASW)	20, 3, 347-362	https://doi.org/10.3166/EJEE.20.347-362	Nuthalapati, B., Sinha, U.K. (2018). Location and detection of downed power line fault not touching the ground. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 3, pp. 347-362. https://doi.org/10.3166/EJEE.20.347-362
203	Minh, V. T., Moezzi, R., Owe, I.	Fuel economy regression analyses for hybrid electric vehicle	Regression Analyses, Fuel Consumption, Optimal Model, Hybrid Electric Vehicle, Drive Cycle	20, 3, 363-377	https://doi.org/10.3166/EJEE.20.363-377	Minh, V. T., Moezzi, R., Owe, I. (2018). Fuel economy regression analyses for hybrid electric vehicle. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 3, pp. 363-377. https://doi.org/10.3166/EJEE.20.363-377
204	Zhao, W., Li, Y.J., Ren, J.Y., Chen, S.G., Li, Y.Q.	A novel operation state prediction method for servers in smart grids	Data Monitoring, Chebyshev Inequality, Rayleigh Distribution, Back Propagation Neural Network (BPNN)	20, 3, 379-392	https://doi.org/10.3166/EJEE.20.379-392	Zhao, W., Li, Y.J., Ren, J.Y., Chen, S.G., Li, Y.Q. (2018). A novel operation state prediction method for servers in smart grids. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 3, pp. 379-392. https://doi.org/10.3166/EJEE.20.379-392
205	Venkatesh, P.M., Vijay Babu, A.R., Suresh, K.	Experimental investigations on modified savonius wind turbine with curtain arrangements in the middle of the highway	Modified Savonius Wind Turbine, Boost Power Converter, Highway Wind Mill, Computational Fluid Dynamics, Curtain	20, 2, 139-150	https://doi.org/10.3166/EJEE.20.139-150	Venkatesh, P.M., Vijay Babu, A.R., Suresh, K. (2018). Experimental investigations on modified savonius wind turbine with curtain arrangements in the middle of the highway. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 2, pp. 139-150. https://doi.org/10.3166/EJEE.20.139-150
206	Kezrane, C., Laouid, Y.A., Lasbet, Y., Habib, S.H.	Comparison of different Organic Rankine Cycle for power generation using waste heat	Organic Rankine Cycle, Internal Heat Exchanger, Working Fluid, Superheating, Waste Heat Source	20, 2, 151-169	https://doi.org/10.3166/EJEE.20.151-169	Kezrane, C., Laouid, Y.A., Lasbet, Y., Habib, S.H. (2018). Comparison of different Organic Rankine Cycle for power generation using waste heat. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 2, pp. 151-169. https://doi.org/10.3166/EJEE.20.151-169
207	Zhang, S.H., Hou, L., Zou, L., Zhao, R., Ma, W.H.	Consistency check for secondary virtual terminals in smart substations	Standardization, Smart Substation, Virtual Terminal, Match	20, 2, 171-179	https://doi.org/10.3166/EJEE.20.171-179	Zhang, S.H., Hou, L., Zou, L., Zhao, R., Ma, W.H. (2018). Consistency check for secondary virtual terminals in smart substations. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 2, pp. 171-179. https://doi.org/10.3166/EJEE.20.171-179
208	Al-Shnynat, N.	Challenges of integrating a small hydropower plant at existing Mujib dam	Hydro-Power, Cross Flow Turbine, Renewable Energy	20, 2, 181-191	https://doi.org/10.3166/EJEE.20.181-191	Al-Shnynat, N. (2018). Challenges of integrating a small hydropower plant at existing Mujib dam. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 2, pp. 181-191. https://doi.org/10.3166/EJEE.20.181-191
209	Wang, J., Yuan, Z.J., Luo, X.B.	An intelligent control system for bladeless fans	Bladeless Fan, Distance Detection, Wind Speed Regulation	20, 2, 193-203	https://doi.org/10.3166/EJEE.20.193-203	Wang, J., Yuan, Z.J., Luo, X.B. (2018). An intelligent control system for bladeless fans. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 2, pp. 193-203. https://doi.org/10.3166/EJEE.20.193-203
210	Shaik, K. P., Karimulla, S., Mohammad Irshad, S., Mohammad, M. H.	Simulation of single phase buck boost matrix converter without commutation issues	Buck Boost Converter, Inverting, Non - Inverting, DVR, MATLAB/Simulink	20, 2, 205-214	https://doi.org/10.3166/EJEE.20.205-214	Shaik, K. P., Karimulla, S., Mohammad Irshad, S., Mohammad, M. H. (2018). Simulation of single phase buck boost matrix converter without commutation issues. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 2, pp. 205-214. DOI: 10.3166/EJEE.20.205-214
211	Swain, K., Parida, S.K., Dash, G.C.	Thermal slip effect on MHD convective nanofluid flow over a vertical plate embedded in a porous medium	MHD, Nanofluid, Joule Heating, Radiation, Viscous Dissipation, Porous Medium	20, 2, 215-223	https://doi.org/10.3166/EJEE.20.215-223	Swain, K., Parida, S.K., Dash, G.C. (2018). Thermal slip effect on MHD convective nanofluid flow over a vertical plate embedded in a porous medium. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 2, pp. 215-223. https://doi.org/10.3166/EJEE.20.215-223
212	Hou, Y.C.	Circuit design for electrohydraulic proportional amplifier	Pulse Width Modulation (PWM), Proportional Solenoid Coil, Proportional Amplifier, Simulation	20, 2, 235-245	https://doi.org/10.3166/EJEE.20.235-245	Hou, Y.C. (2018). Circuit design for electrohydraulic proportional amplifier. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 2, pp. 235-245. https://doi.org/10.3166/EJEE.20.235-245
213	Rao, C.N.N., Sukumar, G.	Design and analysis of torque ripple reduction in brushless DC motor using SPWM and SVPWM with PI control	BLDC Motor, PWM, SVPWM, MATLAB/Simulink	20, 1, 7-22	https://doi.org/10.3166/EJEE.20.7-22	Rao, C.N.N., Sukumar, G. (2018). Design and analysis of torque ripple reduction in brushless DC motor using SPWM and SVPWM with PI control. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 1, pp. 7-22. https://doi.org/10.3166/EJEE.20.7-22
214	Olughenga, A. T., Nordiana, M. M.	Utilizing 2-D electrical resistivity imaging (ERI) to investigate groundwater potential	Aquifer, Groundwater Potential, Saturated Zone, Shale	20, 1, 23-34	https://doi.org/10.3166/EJEE.20.23-34	Olughenga, A. T., Nordiana, M. M. (2018). Utilizing 2-D electrical resistivity imaging (ERI) to investigate groundwater potential. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 1, pp. 23-34. https://doi.org/10.3166/EJEE.20.23-34
215	Wei, W., Chen, N., Xue, B.H., Zhang, X.Y.	Design of synchronous controller for intelligent locomotive wipers	Dual Motor Drive, Wiper, Hall Current Sensor, Synchronous Control	20, 1, 35-46	https://doi.org/10.3166/EJEE.20.35-46	Wei, W., Chen, N., Xue, B.H., Zhang, X.Y. (2018). Design of synchronous controller for intelligent locomotive wipers. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 1, pp. 35-46. https://doi.org/10.3166/EJEE.20.35-46
216	Katuril, R., Gorantla, S.	Comparative analysis of controllers for a smooth switching between battery and ultracapacitor applied to E-vehicle	Solar Power, Hybrid Electric Vehicles (HEVs), Bidirectional Converter (BDC), Unidirectional Converter (UDC), Battery, Ultracapacitor, Math Function Based (MFB) Controller, Proportional Integral Derivative (PID) Controller, ANN Controller	20, 1, 47-75	https://doi.org/10.3166/EJEE.20.47-75	Katuril, R., Gorantla, S. (2018). Comparative analysis of controllers for a smooth switching between battery and ultracapacitor applied to E-vehicle. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 1, pp. 47-75. https://doi.org/10.3166/EJEE.20.47-75

217	Qu, S.R., Wang, Z.M.	Fine-grained dynamic frequency modulation algorithm based on critical state points	Embedded Mobile Terminals (EMTs), Critical State Points (CSPs), Fine-Grained Dynamic Frequency Modulation Algorithm (FGDFMA), Power Management	20, 1, 77-88	https://doi.org/10.3166/EJEE.20.77-88	Qu, S.R., Wang, Z.M. (2018). Fine-grained dynamic frequency modulation algorithm based on critical state points. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 1, pp. 77-88. https://doi.org/10.3166/EJEE.20.77-88
218	Bedoui, M., Belarbi, A.W., Habibes, S.	Macroscopic modeling of the glow dielectric barrier discharge (GDBD) in helium	Dielectric Barrier Discharge (DBD), electric model, equivalent electric circuit, gas discharge, homogenous discharge, simulation	20, 1, 89-103	https://doi.org/10.3166/EJEE.20.89-103	Bedoui, M., Belarbi, A.W., Habibes, S. (2018). Macroscopic modeling of the glow dielectric barrier discharge (GDBD) in helium. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 1, pp. 89-103. https://doi.org/10.3166/EJEE.20.89-103
219	Kethineni, B.K., Rachananjali, K., Rao, Y.S., Reddy, A.N.	Voltage control of multiple feeders by voltage regulator and instant DG	Distribution Generation (DG), voltage control, distribution system, integer programming	20, 1, 105-113	https://doi.org/10.3166/EJEE.20.105-113	Kethineni, B.K., Rachananjali, K., Rao, Y.S., Reddy, A.N. (2018). Voltage control of multiple feeders by voltage regulator and instant DG. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 1, pp. 105-113. https://doi.org/10.3166/EJEE.20.105-113
220	Lu, M., Zhang, Y.F., Cai, X.H., Li, H.	Virtual synchronous control of brushless doubly-fed induction generator	Brushless Doubly-Fed Induction Generator (BDFIG), hidden inertia, Virtual Synchronous Control (VSC), wind turbine	20, 1, 115-132	https://doi.org/10.3166/EJEE.20.115-132	Lu, M., Zhang, Y.F., Cai, X.H., Li, H. (2018). Virtual synchronous control of brushless doubly-fed induction generator. <i>European Journal of Electrical Engineering</i> , Vol. 20, No. 1, pp. 115-132. https://doi.org/10.3166/EJEE.20.115-132
221	Samala, R.K., Kotapati, M.R.	Multi distributed generation placement using ant-lion optimization	distributed generation, backward and forward sweep method, ant-lion optimization algorithm optimal capacity, optimal place, active power loss	19, 5-6, 253-267	https://doi.org/10.3166/EJEE.19.253-267	Samala, R.K., Kotapati, M.R. (2017). Multi distributed generation placement using ant-lion optimization. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 5-6, pp. 253-267. https://doi.org/10.3166/EJEE.19.253-267
222	Ravindrababu, M., Saraswathi, G., Sudha, K.R.	Design of firefly power system stabilizer for stability improvement of multi machine system under contingency	Power System Stabilizer (PSS), Firefly Algorithm (FFA), Genetic Algorithm (GA), pseudo spectrum analysis, contingency	19, 5-6, 269-292	https://doi.org/10.3166/EJEE.19.269-292	Ravindrababu, M., Saraswathi, G., Sudha, K.R. (2017). Design of firefly power system stabilizer for stability improvement of multi machine system under contingency. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 5-6, pp. 269-292. https://doi.org/10.3166/EJEE.19.269-292
223	Liu, L., Wang, S.T.	Performance improvement of wind turbine with squirrel-cage induction generator by static synchronous compensator and hybrid energy storage system	Low-Voltage Ride-Through (LVRT), Squirrel-Cage Induction Generator (SCIG), Static Synchronous Compensator (STATCOM), Series Dynamic Breaking Resistor (SDBR), Hybrid Energy Storage System (HESS)	19, 5-6, 293-312	https://doi.org/10.3166/EJEE.19.293-312	Liu, L., Wang, S.T. (2017). Performance improvement of wind turbine with squirrel-cage induction generator by static synchronous compensator and hybrid energy storage system. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 5-6, pp. 293-312. https://doi.org/10.3166/EJEE.19.293-312
224	Katuri, R., Gorantla, S.	Design and analysis of a control strategy approach for a smooth transition between battery and ultracapacitor	HESS, EVs, converters, MFB controller, fuzzy logic controller, solar power	19, 5-6, 313-339	https://doi.org/10.3166/EJEE.19.313-339	Katuri, R., Gorantla, S. (2017). Design and analysis of a control strategy approach for a smooth transition between battery and ultracapacitor. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 5-6, pp. 313-339. https://doi.org/10.3166/EJEE.19.313-339
225	Ai, X.Z., Yang, M.K., Liu, Z.D., Li, X.Q.	Modelling and control safety of digital push-pull switched mode power supply	push-pull, switched mode, power supply, Proportional-Integral-Derivative (PID) control, matlab	19, 5-6, 341-355	https://doi.org/10.3166/EJEE.19.341-355	Ai, X.Z., Yang, M.K., Liu, Z.D., Li, X.Q. (2017). Modelling and control safety of digital push-pull switched mode power supply. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 5-6, pp. 341-355. https://doi.org/10.3166/EJEE.19.341-355
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227	Zeghoudi, A., Debbaiche, M., Hamidat, A.	Contribution to minimizing the cosine loss in a thermodynamic solar tower power plant by a change in the target position	heliostat, centrale solaire a tour, pertes cosinus, cible	19, 5-6, 367-374	https://doi.org/10.3166/EJEE.19.367-374	Zeghoudi, A., Debbaiche, M., Hamidat, A. (2017). Contribution to minimizing the cosine loss in a thermodynamic solar tower power plant by a change in the target position. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 5-6, pp. 367-374. https://doi.org/10.3166/EJEE.19.367-374
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229	Hajdidj, M.S., Bibi-Triki, N., Didi, F.	Study and optimization of a renewable system of small power generation	photovoltaic system, wind system, hybrid photovoltaic-wind-storage system, sizing, optimization	19, 3-4, 133-154	https://doi.org/10.3166/EJEE.19.133-154	Hajdidj, M.S., Bibi-Triki, N., Didi, F. (2017). Study and optimization of a renewable system of small power generation. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 3-4, pp. 133-154. https://doi.org/10.3166/EJEE.19.133-154
230	Sreedhar, T., Venkata, N.	Impact of distribution network reconfiguration under wheeling transactions	distribution systems, differential search algorithm, network reconfiguration, wheeling transactions	19, 3-4, 155-165	https://doi.org/10.3166/EJEE.19.155-165	Sreedhar, T., Venkata, N. (2017). Impact of distribution network reconfiguration under wheeling transactions. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 3-4, pp. 155-165. https://doi.org/10.3166/EJEE.19.155-165
231	Xu, Y.P.	A study of hydropower generation process control based on fuzzy control theory	hydropower unit control, fuzzy control, variable structure control, buffering	19, 3-4, 167-179	https://doi.org/10.3166/EJEE.19.167-179	Xu, Y.P. (2017). A study of hydropower generation process control based on fuzzy control theory. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 3-4, pp. 167-179. https://doi.org/10.3166/EJEE.19.167-179
232	Uma Maheswara, Rao M., Mercy Rosalina, K.	Transient stability improvement of microgrids by using Resistive type SFCL and series active power filters	Distributed Generation (DG), Resistive Type Superconducting Fault Current Limiter (R-SFCL), Phase Locked Loop (PLL), Series Active Power Filter (SAPF)	19, 3-4, 181-195	https://doi.org/10.3166/EJEE.19.181-195	Uma Maheswara, Rao M., Mercy Rosalina, K. (2017). Transient stability improvement of microgrids by using Resistive type SFCL and series active power filters. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 3-4, pp. 181-195. https://doi.org/10.3166/EJEE.19.181-195
233	Hou, Y.C.	Design of conditioning circuit for weak signal in through-casing resistivity logging	extremely weak signals, through-casing resistivity logging, signal conditioning circuit, amplifier circuit, filter circuit	19, 3-4, 197-208	https://doi.org/10.3166/EJEE.19.197-208	Hou, Y.C. (2017). Design of conditioning circuit for weak signal in through-casing resistivity logging. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 3-4, pp. 197-208. https://doi.org/10.3166/EJEE.19.197-208
234	Karthik, G., Jayanthu, S.	Quantification of cable deformation using TDR-experiments	Time Domain Reflectometry (Tdr), coaxial cable, reflection coefficient, opencast model	19, 3-4, 209-219	https://doi.org/10.3166/EJEE.19.209-219	Karthik, G., Jayanthu, S. (2017). Quantification of cable deformation using TDR-experiments. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 3-4, pp. 209-219. https://doi.org/10.3166/EJEE.19.209-219

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237	Adibi, T., Adibi, O., Amrikachi, A.	Investigation on the possibility of substituting compression cooling cycle with a solar absorption cooling cycle in tropical regions of Iran	cavity flow, forced convection, Reynolds number, complex boundary condition, Nusselt number	19, 1-2, 7-17	https://doi.org/10.3166/EJEE.19.7-17	Adibi, T., Adibi, O., Amrikachi, A. (2017). Investigation on the possibility of substituting compression cooling cycle with a solar absorption cooling cycle in tropical regions of Iran. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 1-2, pp. 7-17. http://doi.org/10.3166/EJEE.19.7-17
238	Kanagasabai, L.K.	Improved canis rufus floridanus optimization algorithm for reduction of real power loss & maximization of static voltage stability margin	optimal reactive power, transmission loss, canis rufus floridanus, particle swarm optimization	19, 1-2, 19-30	https://doi.org/10.3166/EJEE.19.19-30	Kanagasabai, L.K. (2017). Improved canis rufus floridanus optimization algorithm for reduction of real power loss & maximization of static voltage stability margin. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 1-2, pp. 19-30. https://doi.org/10.3166/EJEE.19.19-30
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241	Shi, Y.G., Zhang, X.J., Li, J.X., Liu, L., Cui, Y.J.	Design of STM32-based hub motor controller	wheeled mobile robot, Brushless Direct Current (DC) Motor, Proportional-Integral-Derivative (PID) control, digital control system, three-phase full bridge inverter	19, 1-2, 59-73	https://doi.org/10.3166/EJEE.19.59-73	Shi, Y.G., Zhang, X.J., Li, J.X., Liu, L., Cui, Y.J. (2017). Design of STM32-based hub motor controller. <i>European Journal of Electrical Engineering</i> , Vol. 19, No. 1-2, pp. 59-73. https://doi.org/10.3166/EJEE.19.59-73
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