

1. Record Nr.	UNISA996575633003316
Titolo	2020 IEEE/IAS 56th Industrial and Commercial Power Systems Technical Conference (I&CPS) : Las Vegas, Nevada, USA, 29 June - 28 July 2020 / / IEEE Industrial and Commercial Power Systems Technical Conference ; Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	Piscataway, New Jersey : , : IEEE, , [2020] ©2020
ISBN	1-7281-7195-4
Descrizione fisica	1 online resource (493 pages) : illustrations
Disciplina	621.31
Soggetti	Electric power systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	HARDWARE-IN-THE-LOOP TESTING OF VIRTUAL DISTANCE PROTECTION RELAY -- HIGH-FREQUENCY SIGNATURE-BASED FAULT DETECTION FOR FUTURE MV DISTRIBUTION GRIDS -- IMPROVING REACTIVE POWER SHARING IN MICROGRIDS BY ADAPTIVE VIRTUAL IMPEDANCE APPROACH -- CONTROLLER HARDWARE IN THE LOOP TESTING OF AN IEC 61850 GOOSE BASED CONTROL FOR SEAMLESS TRANSITION OF A MICROGRID BETWEEN ISLAND AND GRID CONNECTED MODES -- SPATIAL-TEMPORAL DEMAND MANAGEMENT AND BENEFIT ALLOCATION FOR GEO-DISTRIBUTED CHARGING STATION AND EV AGGREGATORS -- GRAPH-BASED SEMI-SUPERVISED LEARNING FOR INDUCTION MOTORS SINGLE- AND MULTI-FAULT DIAGNOSIS USING STATOR CURRENT SIGNAL -- A CASE HISTORY OF SHORE POWER TRANSFORMER TAPS ARCING DURING NOLOAD CONDITION -- FAULT CURRENTS, CIRCUIT BREAKERS, AND A NEW METHOD FOR X/R CALCULATION IN PARALLEL CIRCUITS PART I: CONCEPTS AND APPROACHES -- A UNIFIED DISTRIBUTED CONTROL IN NETWORKED MICROGRIDS FOR MULTIPLE MODES OF OPERATION -- FAULT CURRENTS, CIRCUIT BREAKERS, AND A NEW METHOD FOR X/R CALCULATION IN PARALLEL CIRCUITS PART II: ANALYSIS AND APPLICATION -- IMPLEMENTATION OF BATTERY ENERGY STORAGE SYSTEM FOR AN ISLAND MICROGRID WITH HIGH PV PENETRATION --

FAULT LOCATION IDENTIFICATION IN POWER TRANSMISSION NETWORKS USING NOVEL NON-INTRUSIVE FAULT MONITORING SYSTEMS -- AN ADVANCED LABORATORY FOR RESEARCH AND TRAINING OF SMART GRID CONTROL AND PROTECTION SCHEMES -- AUTONOMOUS VOLTAGE REGULATION BY DISTRIBUTED PV INVERTERS WITH MINIMAL INTER-NODE INTERFERENCE MODERN CONCERNS AND CHALLENGES OF OVER-CURRENT PROTECTION COORDINATION IN DISTRIBUTION SYSTEMS -- JOINT ENERGY MANAGEMENT AND VOYAGE SCHEDULING FOR ALL-ELECTRIC SHIPS USING DYNAMIC REAL-TIME ELECTRICITY PRICE OF ONSHORE POWER -- A DECISION SUPPORT FRAMEWORK FOR RESILIENCE-ORIENTED COST-EFFECTIVE DISTRIBUTED GENERATION EXPANSION IN POWER SYSTEMS -- PROBABILISTIC FORECAST OF WIND POWER GENERATION WITH DATA PROCESSING AND NUMERICAL WEATHER PREDICTIONS -- FAULTY LINE-SECTION IDENTIFICATION METHOD FOR DISTRIBUTION SYSTEMS BASED ON FAULT INDICATORS -- ANALYSIS OF SOLAR PV AND WIND POWER PENETRATION INTO NIGERIA ELECTRICITY SYSTEM -- A MULTI-ATTRIBUTE AND MULTI-DIMENSIONAL BASED COMPREHENSIVE EVALUATION METHOD FOR NEW MULTI-PULSE INTEGRATED METRO TRACTION POWER SUPPLY SYSTEM -- A COOPERATION MODEL OF DATA CENTER CLUSTER AND ELECTRICITY RETAILER BASE ON DEMAND RESPONSE ADEQUACY OF HOSPITAL POWER SYSTEMS AS STRATEGIC OPERATIONAL STRUCTURES -- BASICS ON SWITCHING CRITERIA FOR SAFETY AND INTEGRITY PROCEDURES -- APPLICATION OF THE ARTIFICIAL BEE COLONY ALGORITHM TO UNIT COMMITMENTS FOR ENERGY STORAGE SYSTEMS OF A MICROGRID WITH MASTERSLAVE CONTROL -- SURFACE IRRADIANCE DISTRIBUTION MAPPING MODEL FOR PHOTOVOLTAIC POWER STATION BASED ON GROUND-BASED SKY IMAGES -- OPTIMAL BIDDING STRATEGY OF DER AGGREGATOR CONSIDERING BILATERAL UNCERTAINTY VIA INFORMATION GAP DECISION THEORY -- AUTO-ENCODER NEURAL NETWORK-BASED MONTHLY ELECTRICITY CONSUMPTION FORECASTING METHOD USING HOURLY DATA -- FIELD EXPERIENCE GUIDELINES FOR MAINTAINING PASSIVE POWER FILTERS TO IMPROVE FOR POWER FACTOR AND POWER QUALITY USING DEEP LEARNING ALGORITHM -- HIGH IMPEDANCE FAULT DETECTION IN OVERHEAD DISTRIBUTION FEEDERS USING A DSP-BASED FEEDER TERMINAL UNIT -- A NOVEL DC OUTLET WITH ADAPTIVE OUTPUT CONTROL FOR LVDC HOUSEHOLD POWER SYSTEM -- LOCAL POWER CONTROL BY LV DISTRIBUTED PV FOR FEEDER POWER FACTOR CORRECTION AND OVERVOLTAGE MITIGATION -- NEW ENERGY AGGREGATORS OPTIMAL DISPATCHING STRATEGIES BASED ON PRICE INCENTIVE AGREEMENT TYPICAL FAULT CAUSE RECOGNITION OF SINGLE-PHASE-TO-GROUND FAULT FOR OVERHEAD LINES IN NON-SOLIDLY EARTHED DISTRIBUTION NETWORKS -- EFFECT OF FORECASTER PERFORMANCE ON PEAK SHAVING IN A UNIVERSITY BUILDING BY BATTERY SCHEDULING -- POWER MANAGEMENT FOR DATA CENTERS CHALLENGES AND OPPORTUNITIES -- THE EFFECT OF THE BATTERY EFFICIENCY ON THE CUSTOMER'S OPTIMUM DEMAND LOAD PROFILE -- A TWO-STAGE CHARGING FACILITIES PLANNING METHOD FOR ELECTRIC VEHICLE SHARING SYSTEMS -- MULTIVARIATE UNCERTAINTY CHARACTERIZATION FOR RESILIENCE PLANNING IN ELECTRIC POWER SYSTEMS -- ESTIMATING PARTICIPATION ABILITIES OF INDUSTRIAL CUSTOMERS IN DEMAND RESPONSE PROGRAMS: A TWO-LEVEL DECISION-MAKING TREE ANALYSIS -- DATA CENTER COOLING HARMONICS - HOW TO GET THE 'GOOD' WITHOUT THE 'BAD' -- A ROBUST-IMPROVED METHOD FOR DYNAMIC EQUIVALENT MODELING OF ACTIVE DISTRIBUTION NETWORK -- A MODEL FOR THE STUDY OF SHEATH CURRENTS IN MEDIUM VOLTAGE CABLES FOR INDUSTRIAL

APPLICATION -- EXPANDED DC ARC FLASH MODEL FOR 125V
SUBSTATION BATTERY BACKUP SYSTEMS -- UTILITY SERVICES FOR
DATA CENTERS -- IEC VERSUS IEEE/ANSI MV SWITCHGEAR: MATCHING
THE STANDARD TO THE APPLICATION -- DETERMINE THE ELECTRODE
CONFIGURATION AND SENSITIVITY OF THE ENCLOSURE DIMENSIONS
WHEN PERFORMING ARC FLASH ANALYSIS -- A REGIONAL WIND POWER
PROBABILISTIC FORECAST METHOD BASED ON DEEP QUANTILE
REGRESSION -- A SHORT-TERM FORECASTING METHOD FOR
PHOTOVOLTAIC POWER BASED ON ENSEMBLE ADAPTIVE BOOSTING
RANDOM FORESTS -- HYBRID SOLAR FORECASTING METHOD USING
SATELLITE VISIBLE IMAGES AND MODIFIED CONVOLUTIONAL NEURAL
NETWORKS -- A REVIEW ON RELIABILITY OF MICROGRID -- GROUND
POTENTIALS IN TRANSFORMERLESS GRID-CONNECTED MULTI-LEVEL
POWER ELECTRONIC CONVERTERS -- BATTERY ENERGY STORAGE
SYSTEMS FOR PRIMARY FREQUENCY REGULATION IN ISLAND POWER
SYSTEMS -- A BATTERY STORAGE SYSTEM FOR PMG-BASED WECSS -- A
"POWER SHARING MODEL" (PSM) FOR BUILDINGS OF THE PUBLIC
ADMINISTRATION -- RELIABLE POWER FROM HYBRID-MICROGRIDS --
INVESTIGATION OF MAXIMUM POWER POINT TRACKING OF DIFFERENT
KINDS OF SOLAR PANELS UNDER PARTIAL SHADING CONDITIONS --
ENHANCEMENT OF POWER SYSTEM OPERATION BY RENEWABLE
ANCILLARY SERVICE -- MEASUREMENT OF DC ARC-FLASH INCIDENT
ENERGY IN LARGE-SCALE PHOTOVOLTAIC PLANTS: A BASIS FOR
STANDARDIZATION -- UNIVERSITY CAMPUS MICROGRID FOR
SUPPORTING SUSTAINABLE ENERGY SYSTEMS OPERATION -- A
COMBINED DEEP LEARNING APPROACH FOR TIME SERIES PREDICTION IN
ENERGY ENVIRONMENTS -- ADAPTIVE VOYAGE-GENERATION
SCHEDULING IN SHIPBOARD MICROGRID UNDER TIME-VARIED WEATHER
CONDITIONS -- OPTIMAL SIZING OF ENERGY STATION IN THE MULTI-
ENERGY SYSTEM INTEGRATED WITH DATA CENTER -- Author Index.
