

G. Wang, J. I. Wang and M. r. Yu, "Numerical Analysis of Contra-Push Check Valve Flow Characteristics on Local Position," *2012 Asia-Pacific Power and Energy Engineering Conference*, Shanghai, 2012, pp. 1-4.

doi: 10.1109/APPEEC.2012.6307553

keywords: {fission reactors;nuclear power stations;numerical analysis;power system reliability;power system security;pumps;valves;FLUENT;contra-push check valve flow;countercurrent process;dynamic mesh model;imperil pressure boundary;local irregular flow field;local position;nuclear power plant;numerical analysis;operational security;physical models;pressure distribution;pressurized water reactor;primary pump;reliability analysis;river diversion;user define functions;water hammer phenomenon;Cavity resonators;Ducts;Fluids;Force;Radiation detectors;Transient analysis;Valves},

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doi: 10.1109/SDPC.2017.49

keywords: {aircraft;computational fluid dynamics;fuel;fuel systems;mechanical engineering computing;AMESim;aerial refueling system;aircraft;boom refueling system;flight security;fuel flow;fuel receptacle;pressure shock peculiarity;refueling process;system pressure shock;Aircraft;Analytical models;Bars;Electric shock;Fuels;Pipelines;Valves;Aerial refueling;Boom;Fuel receptacle;Pressure shock;Simulation},

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keywords: {DNA;bioMEMS;biology computing;lab-on-a-chip;microchannel flow;microfluidics;probability;security of data;fabric designers;hybrid DNA barcoding platform;microbiology application;microfluidic crossbars;microfluidic routing fabrics;microfluidics;on-the-fly reconfigurability;security implications;security performance;security trade-offs;single-cell analysis;transposer

primitives;DNA;Fabrics;Genomics;Hardware;Routing;Security;Valves;biochips;microfluidics;security;transposer;trust},

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doi: 10.1109/IPMHVC.2014.7287313

keywords: {SF₆ insulation;arcs (electric);computational fluid dynamics;enthalpy;gas blast circuit breakers;interrupters;nozzles;pressure measurement;short-circuit currents;CFD simulation software;HV circuit breaker;SF₆;computational fluid dynamics;current interruption;gas pressure distribution;integral-physical enthalpy flow arc model;interrupter chambers;nozzle throat;puffer cylinder;puffer type circuit breaker;short-circuit currents;transient gas pressures;voltage 252 kV;Circuit breakers;Current measurement;Integrated circuit modeling;Pressure measurement;Sulfur hexafluoride;Valves;Voltage measurement;HV circuit breakers;SF₆;arc modeling;computer simulation;current zero;nozzle;pressure measurement;puffer},

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keywords: {computerised monitoring;condition monitoring;feedforward neural nets;generalisation (artificial intelligence);internal combustion engines;marine systems;principal component analysis;valves;Denmark;exhaust valves;generalization;linear discriminators;marine diesel engines;neural networks;online condition monitoring;optimal brain damage pruning;optimal sub-space search;principal component analysis;regularized feedforward neural classifiers;structure-borne stress waves measurement;valve burn-through;valve conditions classification;vibration waves measurement;Acoustic emission;Acoustic measurements;Boring;Condition monitoring;Diesel engines;Engine cylinders;Principal component analysis;Stress measurement;Valves;Vibration measurement},

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