A Hierarchical Algorithm for Integrated Scheduling and Control With Applications to Power Systems
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Application of Economic MPC to Frequency Control in a Single-Area
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Economic MPC for a linear stochastic system of energy units
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

Large-scale Optimization of Contoured Beam Reflectors and Reflectarrays
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Methods and Algorithms for Economic MPC in Power Production Planning

A Homogeneous and Self-Dual Interior-Point Linear Programming Algorithm for Economic Model Predictive Control
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Contingency-Constrained Unit Commitment in Meshed Isolated Power Systems
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Control of Electricity Loads in Future Electric Energy Systems
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2015 › Research › peer-review

A Dantzig-Wolfe decomposition algorithm for linear economic model predictive control of dynamically decoupled subsystems
Research output: Contribution to journal › Journal article – Annual report year: 2014 › Research › peer-review

A Decomposition Algorithm for Mean-Variance Economic Model Predictive Control of Stochastic Linear Systems
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review
A Family of High-Performance Solvers for Linear Model Predictive Control
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

A Mean-Variance Criterion for Economic Model Predictive Control of Stochastic Linear Systems
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

Input-constrained model predictive control via the alternating direction method of multipliers
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

A Dantzig-Wolfe Decomposition Algorithm for Economic MPC of Distributed Energy Systems
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

A Decomposition Algorithm for Optimal Control of Distributed Energy System
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

A Riccati Based Homogeneous and Self-Dual Interior-Point Method for Linear Economic Model Predictive Control
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

A Warm-Started Homogeneous and Self-Dual Interior-Point Method for Linear Economic Model Predictive Control
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Computational Efficiency of Economic MPC for Power Systems Operation
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Early Termination of Dantzig-Wolfe Algorithm for Economic MPC
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2013 › Research › peer-review

Computational Methods for Model Predictive Control: New Opportunities for Computational Scientists
Research output: Non-textual form › Sound/Visual production (digital) – Annual report year: 2012 › Research
Real-Time Optimization for Economic Model Predictive Control
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

A Primal-Dual Interior Point-Linear Programming Algorithm for MPC
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2009 › Research › peer-review