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Constrained Long-Horizon Direct Model Predictive Control for Synchronous Reluctance Motor Drives

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Dimension reduction and decomposition using causal graph and qualitative analysis for aircraft concept design optimization

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Towards an approach for evaluating the quality of requirements

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Digital Predistortion for 5G Small Cell
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Effect of paint baking treatment on the properties of press hardened boron steels

Enhanced multiaxial fatigue criterion that considers stress gradient effects

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Hierarchical coordination of periodic genes in the cell cycle of *Saccharomyces cerevisiae*

Hysteresis and eddy-current losses in electrical steel utilising edge degradation due to cutting effects

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Implementation of a direct procedure for critical point computations using preconditioned iterative solvers

Implementation of a Multirate Resampler for Multi-carrier Systems on GPUs

Inferring the conservative causal core of gene regulatory networks

Influence of relative humidity and physical load during storage on dustiness of inorganic nanomaterials
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Influence of specimen type and reinforcement on measured tension-tension fatigue life of unidirectional GFRP laminates

Information processing in the transcriptional regulatory network of yeast
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Instrumentation-Driven Validation of Dataflow Applications

Integration of dataflow-based heterogeneous multiprocessor scheduling techniques in GNU radio

Iterative and Participative Axiomatic Design Process in complex mechanical assemblies
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Local network-based measures to assess the inferability of different regulatory networks

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Model-Based Dynamic Scheduling for Multicore Signal Processing

Networks for systems biology
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On the effect of deformation twinning and microstructure to strain hardening of high manganese austenitic steel 3D
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Optimization of Flexible Filter Banks Based on Fast Convolution

Organizational structure and the periphery of the gene regulatory network in B-cell lymphoma.

Overview of the MPEG reconfigurable video coding framework

Parallel Digital Predistortion Design on Mobile GPU and Embedded Multicore CPU for Mobile Transmitters

Parameterized scheduling of topological patterns in signal processing dataflow graphs

Pathway analysis of expression data
Deciphering functional building blocks of complex diseases

Pneumatic unidirectional cell stretching device for mechanobiological studies of cardiomyocytes

Possible structures of nonstoichiometric tin oxide
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Power Mitigation by Performance Equalization in a Heterogeneous Reconfigurable Multicore Architecture

PRBS-based loop gain identification and output impedance shaping in DC microgrid power converters

Preoperative simulation for the planning of microsurgical clipping of intracranial aneurysms

Properties of graph distance measures by means of discrete inequalities

Quantifying the non-ergodicity of scaled Brownian motion

Quasi-static scheduling of CAL actor networks for reconfigurable video coding

Reduced level of docosahexaenoic acid shifts GPCR neuroreceptors to less ordered membrane regions

Search reliability and search efficiency of combined Lévy-Brownian motion
Long relocations mingled with thorough local exploration

Spectral modeling of time series with missing data

Structural influence of gene networks on their inference
Analysis of C3NET

Target tracking via combination of particle filter and optimisation techniques

The Fisher-Snedecor F Distribution
A Simple and Accurate Composite Fading Model

Topological patterns for scalable representation and analysis of dataflow graphs

Toward Efficient Execution of RVC-CAL Dataflow Programs on Multicore Platforms

Towards generic embedded multiprocessing for RVC-CAL dataflow programs

Urothelial cancer gene regulatory networks inferred from large-scale RNAseq, Bead and Oligo gene expression data

Using building simulation to model the drying of flooded building archetypes

Vehicle Attribute Recognition by Appearance
Computer Vision Methods for Vehicle Type, Make and Model Classification

Very sharp diffraction peak in nonglass-forming liquid with the formation of distorted tetraclusters

Workplace performance of a loose-fitting powered air purifying respirator during nanoparticle synthesis