

Theses

Master of Science in Technology

2010

Dubrovin, Tero

Tilastollinen tekstianalyysi kaupunkisuunnittelun apuvälineen osallistavassa paikkatietojärjestelmässä

Maaranen, Jyrki

Taloudellisten aikasarjojen ennustaminen ja analysointi ohjatut asiantuntijat -neuroverkolla

Mohammadi, Pejman

Bayesian Integrative Modelling of Metabolic and Transcriptional Data Using Pathway Information

Nevala, Maija

Discovering Functional Gene-MicroRNA Modules with Probabilistic Methods

Nieminen, Ilari

Tag Recommendation in Folksonomies

Oksman, Pekko

Classification of Precipitation Patterns in Weather Radar Images

Roivainen, Tuomo

Classification of taxi trips with self-organizing maps (Taksimatkojen luokittelu neuroverkko menetelmällä)

Räty, Jani

Number Plate Recognition

Saarimäki, Jarno

Performance Metrics for the Atmospheric Model ECHAM5

Tapiovaara, Tero

Normalized Compression Distance in Automatic Evaluation of Machine Translations

Tornio, Matti

Natural Gradient for Variational Bayesian Learning

Wagner, Paul

On the stability of reinforcement learning under partial observability and generalizing representations

Viinikanoja, Jaakko

Locally linear robust Bayesian dependency modeling of co-occurrence data

Virtanen, Seppo

Bayesian Exponential Family Projections

Wu, Jing

Online Face Recognition with Application to Proactive Augmented Reality

Yao, Li

Anomaly Detection and Location with an Application to an Energy Management System

2011

Alene, Henok

Graph Based Clustering for Anomaly Detection in IP Networks

Calandra, Roberto

An Exploration of Deep Belief Networks toward Adaptive Learning

Cho, KyungHyun

Improved Learning Algorithms for Restricted Boltzmann Machines

Gillberg, Jussi

Targeted Learning by Imposing Asymmetric Sparsity

Lopez Vidal, Alejandro

Traffic flow simulation and optimization using evolutionary strategies

Mehmood, Yasir

Comparing Talks, Realities and Concerns on Climate Change: An analysis of Textual, Numerical and Categorical Data

Osmala, Maria

Regularized Modelling of Dependencies between Gene Expression and Metabolomics Data in Studying Metabolic Regulation

Smit, Pieter

Stacked transformations for foreign accented speech recognition

Trovo, Francesco

Regret Estimation for Multi Slot Incentive Compatible Multi Armed Bandit

Wang, Chiwei

Latent variable models for a probabilistic timeline browser

Wang, Chao

Software Development of Quadratic Nonnegative Matrix Factorization

Zhu, Zhanxing

Supervised Distance Preserving Projections for Dimensionality Reduction