

Theses

Master of Science in Technology

2008

Antson, Janne

Modernization of the measurement related data communication network at laboratory of physics and a study on implementing an automated monitoring system for measurement equipment based on the network (Fysiikan laboratorion mittaustietoverkon ajantasais-taminen ja selvitys mittauslaitteistojen automaattisen valvontajärjestelmän toteuttamisesta sen avulla)

Defée, Karolina

Usean tason dataa hyödyntävä laskentahiljan tietoturvajärjestelmän prototyyppi; a prototype for a grid intrusion detection system incorporating multilevel data

Dobrinkat, Marcus

Domain adaptation in statistical machine translation systems via user feedback

Engström, Sam

Unsupervised learning of morphology in information retrieval (Ohjaamaton morfologian oppiminen tiedonhaussa)

Ermolov, Andrey

Analysis of differences between metabolic time series with hidden Markov models

Kurimo, Eero

Motion blur and signal noise in low light imaging

Kuusisto, Markus

Tekstuuriin ja rekonstruktioon perustuva liikkeentunnistusmenetelmä videotallennusjärjestelmiä varten

Mäkelä, Rami

Converting the tapio paper machine analyzer (pma) into a digital signal processing system

Niinistö, Ari

Survey of affordable parallel computing systems; katsaus edullisiin rinnakkaislaskentajärjestelmiin

Ollikainen, Marja

Matching medical documents to users; lääketieteellisten dokumenttien sovitus käyttäjille

Parkkinen, Juuso

Generative Probabilistic Models of Biological and Social Network Data .

Pitkänen, Sampo

Optimal reception of 64 quadrature amplitude modulation in high-speed downlink packet access (64-QAM-signaalin optimoitu vastaanottomenetelmä HSDPA:ssa)

Ramkumar, Pavan

Modeling the dynamics of human neuromagnetic brain rhythms

2009

De Alba Rivera, Luis Gabriel

Modeling and profiling people's way of living: A data mining approach to a health survey.

Eirola, Emil

Variable Selection with the Delta Test in Theory and Practice.

Itkonen, Sami

Building Business Intelligence Infrastructure.

Kallasjoki, Heikki

Methods for spectral envelope estimation in noise robust speech recognition.

Kantonen, Tuomas Kalevi

Augmented Collaboration in Mixed Environments.

Kaunisto, Antti

Video quality comparison of MPEG-1/2, MPEG-4 and H.264 codecs in the G-cluster Game-on-Demand Environment.

Keraudy, Stevan

Histogram equalization for noise robust speech recognition.

Kozma, László

Proactive interface for image retrieval.

Lampi, Golan

Self-Organizing Maps in Decision Support: a Decision Support System Prototype.

Luttinen, Jaakko

Gaussian-process factor analysis for modeling spatiotemporal data.

Mäkelä, Tuomas

Dental x-ray image stitching algorithm.

Nybo, Kristian

Graph visualization using latent variable models.

Rossi, Pekka

Life Cycle Analysis of Convective Cells through Image Processing and Data Fusion.

Ruokolainen, Teemu

Topic adaptation for speech recognition in multimodal environment.

Sovilj, Dušan

Fast variable selection using delta test.

Suvitaival, Tommi

Bayesian Two-Way Analysis of High-Dimensional Collinear Metabolomics Data.

Toivainen, Maunu

Near-infrared spectroscopy of solids; Chemometrics and signal processing.

Venesmaa, Klaus

Influence of standards IEEE-754 and IEEE-854 and floating point's precision to data mining and machine learning methods (Standardien IEEE-754 ja IEEE-854 sekä liukuluvun tarkkuuden vaikutus tiedon lounhinnan ja koneoppimisen menetelmiin).