

Theses

Licentiate of Science in Technology

2002

Iivonen, Mikko

Constrained optimization of the VALMA dose assessment model by a genetic algorithm

2003

Juutila, Rauno

Jalkapallon syöttöjakaumien visualisointi, ryhmittely ja SOM-kartoitus (Visualization, grouping and SOM-mapping of football's passing distribution)

Master of Science in Technology

2002

Hirsimäki, Teemu

A decoder for large-vocabulary continuous speech recognition

Häkkinen, Marko

Developing new features through reengineering of legacy software

Karanko, Markus

Extrapolating precipitation area motion from a sequence of radar images

Katajamaa, Mikko

Simulation model for exploring variations in the gene expression data and its analysis

Kurhila, Mikko

The study of soft-decision algorithms for the TETRA base station system

Kuusisto, Jukka

Puheenaiheiden tunnistus puheenvuoroista oppivilla menetelmillä (Recognition of dialogue topics with learning methods)

Laakso, Harri

Communication system in a digital signal processing software platform

Lehtimäki, Pasi

Self-organizing operator maps in complex system analysis

Oja, Merja

Geeniexpressiotiedon louhinta itseorganisoivien karttojen ja oppivien metriikoiden avulla (Gene expression data mining using self-organizing maps and learning metrics)

Pakkanen, Jussi

Sisältöpohjainen haku paperivirhetietokannassa PicSOM-järjestelmän avulla (Content-based retrieval in a paper defect database using the PicSOM system)

Patrikainen, Anne

Projected clustering of high-dimensional binary data

Repo, Juha

Quality monitoring and visualisation platform for road construction

Saari, Aleksi

Topographic mappings for analyzing clinical patient data

Sarmavuori, Juha

Kaiunpoisto ja tandemkoodauksen esto (Echo cancellation and tandem free operation)

Savolainen, Liina

SAR image projecting and visualization & analysis tool for sea ice research

Ursin, Markku

Triphone clustering in Finnish continuous speech recognition

2003

Aho, Ilkka

Epävarmuustekijöiden huomioon ottaminen päästökaupan päätöksenteon simulointimallissa (Uncertainty factors in the simulation model of emissions trading and decision-making)

Juntunen, Heli

Finding components in discrete biosequences

Klami, Arto

Regularized discriminative clustering

Kostiainen, Jukka

A data warehousing solution to paper mill production and quality reporting

Lahti, Leo

Vertaileva toiminnallinen genomianalyysi assosiatiivisella ryhmittelymenetelmällä (Comparative functional genome analysis using associative clustering)

Laurila, Jouni

Sähkömyyjän riskianalyysin tarpeet ja tekninen suunnittelu (Needs and technical design of electricity retailer's risk analysis)

Lindström, Jukka

An architectural framework for data mining

Malkki, Jussi

Prediction of absorption behaviour of a drug with in vitro data using compartment model in Bayesian data analysis

Minkkinen, Sami

Diabeteksen MODY3-fenotyypin todennäköisyyden estimointi ja visualisointi (Probability estimation and visualization of the MODY3 phenotype of diabetes)

Paatero, Vesa

Sanojen painotusmenetelmien vertailu WEBSOM-kartoilla (A comparison of term weighting methods using WEBSOM maps)

Rummukainen, Mika

Implementing multimedia retrieval markup language for image retrieval systems' comparison

Setälä, Henri

Automatic fiducial detection from radiographs

Siekkinen, Matti

Aspect oriented make

Sulkava, Mikael

Identifying spatial and temporal profiles from forest nutrition data

Syrjälä, Juha

Context classification using audio data for a wearable computer

Viiperi, Sampo

Feature selection for the purpose of segmentation of polysomnograms in subjects with developmental brain disorders

Viitaniemi, Ville

Image segmentation in content-based image retrieval

