

EEICT 2012

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Bakalářské projekty

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Král, J.

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Papoušek, M.

Security System

Schmidt, D.

A Simple Telemetric System for Rocket Modelers

Šenfluk, P.

Four Channel Audio Surround Decoder with Automatic Volume Control

Vávra, T.

Control Unit for 3G Wireless Module

Zpracování signálů, obrazu a dat

Behúň, K.

Image Features in Music Style Recognition

Jalůvková, L.

Optic Disc Localization in Retinal Images

Janalík, R.

3D Mapping of Outdoor Environment

Klečka, J.

Camera Calibration by Evolutionary Algorithms

Mžourek, Z.

Signal Decomposition Using EMD Transformation

Sochor, J.

Fast Detection of Traffic Signs in Image

Válková, H.

Feature Extraction for Exudates Classification in Fundus Images

Kybernetika a automatizace

Esmaildokht Mamaghani, A., H.

Analysis and Processing of EEG Signal

Kočík, K.	Intelligent Pulsed Source with Control Unit
Kořínek, M.	MESYFAR - Measuring System for Amateur Race
Kučera, S.	Laser Interferometer Interface with the Atmospheric Correction
Mudroch, A., Bača, D., Kršák, P.	Nondestructive Testing of Solar Cells
Nešpor, T.	Safety of Pneumatic Press Model

Silnoproudá elektrotechnika a elektroenergetika

Malinčík, O.	Universal Nixie Clock Board with Low Consumption
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Teoretická elektrotechnika, fyzika a matematika

Hamada, V.	Remote Laboratory for Dosimetric Measurements
Novotná, V.	SNOM as a Substitute for TEM in the Observation of Biological Specimens
Růžička, J., Modlitba, M., Slavotínek, J.	Measurements of Temperature Dependence of Semiconductor Devices

Mikroelektronika a technologie

Drbal, J.	Graphic Interface for Industrial Display in Gate Array
Dzuro, M.	Electrochemical Preparation of Nanostructures for Electrode Surface Modification .
Gabriel, P.	Electrochemical Detection of Purine Bases Using Thick Film Cu ₂ O Electrodes ...
Juračka, M.	Design and Characterization of Organic Semiconductor Components
Koniček, C.	Digital Signal Processing from Mems Microphones
Koždoň, J.	Design of the LED Light
Krist, J.	Laser Projector
Súra, L	Three Channel Mixing Console
Šula, M.	Visual Comparison of Lead-free Connestions for Diffrerent Material Combinations

Biomedicínské inženýrství a bioinformatika

Janáková, T.

The Use of Molecular Genetic Methods for Research of Colorectal Carcinoma

Kolářová, D.

Optimized Methodology of Caliper Positioning for Ultrasound Measurement of Nuchal Translucency

Informační systémy

Karpíšek, F.

Analyzing VoIP Communication over H.323

Kostka, M.

Detection of Used Compiler

Maleňák, F.

Localization of the Caller in Emergency Medical Service Information System

Mazuch, F.

System for On-Line Time Management

Paulík, M.

State Grammars Parsing Optimization Based on Terminal Prediction

Grafika a multimédia

Dražka, J

Non-photorealistic Effects in a 3D Game

Kardoš, J.

Video Stabilizer for Aircraft Flight Regimes Visual Detector

Kopecký, M.

Rendering of Water Surface

Liška, R.

Lossy Image Compression Using DCT

Lohniský, M.

Contribution of Pretraining by Autoencoders in Deep Neural Networks

Počítačové systémy

Cibula, P.

AeroWorks: Autopilot Mode Selection Panel

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C Compiler in Python

Hranický, R.

Fake Data in Computer Networks

Krčma, M.

FPNN - an Approximation of Neural Networks in FPGAs

Mrázek, V.	
Intelligent Energy Measurement Device	
Novotný, J.	
Computer Identification Based on Packet's Timestamps	
Pluskal, J.	
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Dalecký, Š.	
Discovery of Wireless Sensor Network Topology Using Genetic Algorithms	
Doležal, K.	
Quadrocopter Navigation and Control	
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Cracking of the Substitution Ciphers in Classical Cryptography	
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Investigation of Sokoban Game Using Genetic Algorithms	
Skoták, M.	
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Jablončík, L.	
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Kovařík, M.	
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Lelek, M.	
Quadrosonic D Class Amplifier with Sound Processor & USB Input
Nečasová, K.	
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Pitřík, M., Michalek, T.	
Digital RF Millivoltmeter

Kybernetika a automatizace

Chvála, P.	
Autonomous Sumo Robot
Polášek, T.	
Automatic Engine
Ryšavý, T.	
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Vladyka, V.	
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Teoretická elektrotechnika, fyzika a matematika

Hrozková, P.	
Study and Measurement of Negative Ions