Table of Contents

Background Modeling using PID Control
Column Partitioning to Improve Data Warehouse Query Performance
AEB System for a Curved Road Considering V2V-based Road Surface Conditions
Analysis of AEB System Effect for Driving Gradient Change
Braking Performance Improvement Method for V2V Communication-Based Autonomous Emergency Braking at Intersections
The Study on the Value of New & Renewable Energy as a Future Alternative Energy Source in Korea
A Study on the Debugging Interface for Smart Virtual Machine
Line Matching Algorithm for Localization of Mobile Robot Using Distance Data from Structured-light Image
A Study on Search Improvement Using the CST-tree Index
Algorithm for Multivariable System Reduction using Generalized Block Pulse Function
Design of CMOS GHz Cellular Oscillator/Distributor Network with Supply Voltage and Ambient Temperature Insensitivities

A development of Automotive recognition streetlight lighting control with sound recognition technology	58
WonChul Choi, ChoongChae Woo	.50
The User Activity Reasoning Model Based on Context-Awareness in a Virtual Living Space	62
Bokyoung Park, HyeonGyu Min, Green Bang, Ilju Ko	
Review of the Techniques for Location Based Service Development	.68
A Profile Analysis about Two Group Thermal Life Data	.72
A Graph-based Word Sense Disambiguation Using Collocation	.77
Requirements for a Mobile Service Model on a Personal Bio Record System for the elderly	.81
Gaze Recognition Based on Correlation of Facial Components	.85
A Study of Multiple Body Tracking System for Digital Signage of NUI Method	.91
Realization of Hull Stability Control System for Continuous Track Vehicle with the Robot Arm	.96
The Image Preference for The Development of The Application for the Gas Safety field workers Mi-Hye Kim, JooAh Lee, Bong Hee Kang	102
Design and Implementation of MQSPT Protocol for Establishing Financial Next-Generation Project PUSH Architecture	106