

Information and Systems in Education
Vol.2 No.1 2003

CONTENTS

- Foreword
 - 4 Toshio Okamoto(President of JSiSE)
- Editor's Notes
 - 6 Kohji Itoh(Editors-in-Chief of JSiSE International Journal)
- Invited Papers
 - 7 Takano bu Umetsu, Tsukasa Hirashima and Akira Takeuchi
A Computer-Based Learning Game Designed by Fusion Method
 - 14 Yoneo Yano, Kenji Matsuura and Hiroaki Ogata
Design and Implementation of an Asynchronous Virtual Classroom-Retrospective and Prospective View-
- Translation of Awarded Paper
 - 23 Hiroshi Nakayama and Toshiki Matsuda
Realization and Evaluation of Decision-Making Support System within a Whole Class
- Regular Papers(Original Paper)
 - 33 Yasuhiro Takemura, Kazuyuki Shima, Ken-ichi Matsumoto, Katsuro Inoue and Koji Torii
A Statistical Analysis on the Order of Understanding for the Java Programming Language
 - 42 Raul Morales Salcedo, Hiroaki Ogata and Yano Yoneo
Usege of Dynamic Metadata for Learning Objects in a Digital Library
 - 52 Hiroyoshi Watanabe, Kumiko Takai, Masayuki Arai and Shigeo Takei
Giving Advice Based on Differences between Near-Miss and Correct Programs
 - 63 Katsuaki Suzuki, Akiko Nishibuchi, Masayuki Yamamoto and John M.Keller
Development and Evaluation of Website to Check Instructional Design Based on the Arcs Motivation Model
- Regular Papers(Practical Paper)
 - 70 Ming Yin, Kazuko Sunaoka and Seinosuke Narita
Development of Chinese Verb Complement Dictionary Based on Chinese Corpus for Japanese Learners
 - 77 Takashi Kishida, Kaori Maeda and Eitaro Kohno
Realization of Active Collaboration in Distance-Learning on the Internet
 - 85 Kunihiko Chiken and Atsuo Hazeyama
Awareness Support in Group-based Software Engineering Education System
 - 96 Mieko Takahira, Akira Sakamoto, Tsutako Mori, Katsura Sakamoto, Nireka Adachi, Kanae Suzuki, Kumiko Kobayashi, Megumi Kashibuchi, Fumika Kimura and Takashi Sakamoto
The Effects of Outside-Class Use of the Internet on Information Literacy of Junior High School Students