Keynote Papers
1 Application of Image Analysis by Geometric Moments Raveendran PARAMESRAN, Ahdal KUMAR
11 A Survey on Recent Development in Global Illumination Techniques Tomoyuki NISHITA, Hisanari OTSU

Special Section
Special Issue on Image Electronics and Visual Computing Workshop 2012 (IEVC2012) Part II

Prefatory Note
25 Upon the Special Issue of IEVC2012 Part II Kiyoshi TANAKA

Contributed Papers
26 Modified High-Order Edge-Directed Interpolation for Distributed Video Coding Based on Selective Data Pruning Vu LEHA, Kazuma SHINODA, Madoka HASEGAWA, Yuichi TANAKA, Shigeo KATO
37 Effective Color Transform Method for Image Compression of H&E Stained Whole Slide Image Using Subset Pixels Naoki KOBAYASHI, Kazuma SHINODA, Ayako KATOH, Hideki KOMAGATA, Masahiro YAMAGUCHI, Tokiya ABE, Akinori HASHIGUCHI, Michiie SAKAMOTO
48 On Some Improvement of the Waterfall Screen for the Stable Projection of Holographic Images Kunihiko TAKANO, Keisuke MIYAMA, Kazuo HAMANO, Kazuki MOTOJIMA, Koki SATO, Makoto OHKI, Kiku AOASAI
59 Practical CG-Based Video Materials for Tai Chi Chuan Self-Study Satoshi NAKAJIMA, Mikio SHINYA, Michio SHIRAISHI, Hidetsugu KATSURAGAWA, Motonobu KAWASHIMA, Kunio KONDO
67 An Interactive Simulation System to Synthesize Rope Rolling Patterns in a Virtual Space for Archaeologists' Research on Jomon Ware Shinji MIZUNO, Kengo TAKAI, Makoto UEDA, Ryuji TAKAKI

Short Papers
76 Multi-Perspective Rendering of a Real Object Using a Handheld Camera Masashi BABA, Shohei TATSUNO, Shinsaku HIURA, Naoki ASADA
81 An Ellipsoid Shape Representation Approach for 3D Object Recognition Asma KHATUN, Md. Rabiu ISLAM, Yin Chai WANG, DNF Awang ISKANDAR, Kiyoshi TANAKA

Regular Section
Contributed Paper
91 Asian Face Classification Based on Personal Attractive Preference Using Class-Specific Eigenfaces Reconstruction Method MinZhi CHUA, Youhei AKIMOTO, Hernan AGUIRRE, Kiyoshi TANAKA

Announcements
104 Call for Papers : Special Issue on Big Data and its Related Technologies in Image Electronics and Communication

Guide for Authors
106 Guidance for Paper Submission