

JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION

CONTENTS

Volume 17, Number 3, June 2006

Special issue on Real-Time Imaging
Guest Editor: Nasser Kehtarnavaz

Preface

- 553 **Special issue: Real-time imaging**
Nasser Kehtarnavaz

Computational Reduction Strategy

- 554 **Adaptive frame skipping based on spatio-temporal complexity for low bit-rate video coding**
F. Pan, Z.P. Lin, X. Lin, S. Rahardja, W. Juwono, F. Slamet
- 564 **Trading off quality and complexity for a HVQ-based video codec on portable devices**
Marco Cagnazzo, Francesco Delfino, Luca Vollero, Andrea Zinicola
- 573 **Comments on: Novel full-search schemes for speeding up image coding using vector quantization**
Zhibin Pan, Koji Kotani, Tadahiro Ohmi
- 581 **Computationally efficient filtered-backprojection algorithm for tomographic image reconstruction using Walsh transform**
Gylson Thomas, V.K. Govindan

Data Reduction Strategy

- 589 **Real-time image processing for active monitoring of wide areas**
Christian Micheloni, Gian Luca Foresti
- 605 **Appearance-based person recognition using color/path-length profile**
Kyongil Yoon, David Harwood, Larry Davis
- 623 **Forced *intra* refreshment method based on the propagation model of uncertainties in the reference pixels for H.264 streaming service**
Dong Wook Kang, Ki-Doo Kim, Kyeong Hoon Jung, Seung Jun Lee

Algorithm Simplification Strategy

- 630 **List-mode image reconstruction for real-time PET imaging**
Vitali V. Selivanov, Martin D. Lepage, Roger Lecomte

Continued on inside back cover



1047-3203(200606)17:3;1-X