
FOREWORD

Special Section on Image Media Quality

Due to the spread of information technology and image/video systems, various images or videos are getting essential media for our lives. The image media is handled in many fields such as imaging, communication, broadcasting, storages, displays, printings, computer graphics and computer vision. Recently, their markets and technologies have been mature. For that reason, image quality has been a more important item to show the superiority of their systems. It is thought that image media quality should be discussed for all image or video systems.

This special section was started to accelerate the research of image media quality, and, make an open space for researchers who want to discuss and get information concerning image media quality. On the other hand, the image media quality research group in IEICE has organized “International Workshop on Image Media Quality and its Application.” This workshop had been linkage with this special section.

After careful review of the 23 submissions including 18 papers and 5 letters, the editorial committee selected 5 papers and 3 letters. We have posted interesting studies from fundamental research to application technology. They are covering attractive topics, which are indispensable for discussing image quality evaluation, such as fundamental characteristics of the human visual system, fundamental studies on brain activity related to the human preference and applications of transportation systems and medical images.

We would like to express our sincere appreciation to all authors submitting papers, devoted reviewers and kindly editors. The special section would not exist without all their voluntary activities.

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Toshiya Nakaguchi, Editors-in-Chief

Toshiya Nakaguchi (*Senior Member*) received B.E., M.E., and Ph.D. degrees from Sophia University, Tokyo, Japan in 1998, 2000, and 2003, respectively. He moved to the Department of Information and Image Sciences, Chiba University in 2003, as an assistant professor. He moved to the Department of Medical System Engineering, Chiba University in 2010 as an associate professor. He is currently a professor in Center for Frontier Medical Engineering, Chiba University since 2016. His research interests include medical engineering, color image processing and virtual reality.

