Title:
Image data compression preserving important information

Bio:
Shinichiro Omachi received his B.E., M.E., and Ph.D. degrees in Information Engineering from Tohoku University, Japan, in 1988, 1990, and 1993, respectively. He worked as an assistant professor at the Education Center for Information Processing at Tohoku University from 1993 to 1996. Since 1996, he has been with the Graduate School of Engineering at Tohoku University, where he is currently a professor. From 2000 to 2001, he was a visiting associate professor at Brown University, Providence, USA.

His research interests include pattern recognition, computer vision, image processing, image coding, and parallel processing. He served as the Editor-in-Chief of IEICE Transactions on Information and Systems from 2013 to 2015. Dr. Omachi is a senior member of the IEEE, fellow of the Institute of Electronics, Information and Communication Engineers, member of the Information Processing Society of Japan, among others. He received the IAPR/ICDAR Best Paper Award in 2007, the Best Paper Method Award of the 33rd Annual Conference of the GfKl in 2010, the ICFHR Best Paper Award in 2010, and the IEICE Best Paper Award in 2012. He is currently the Vice Chair of the IEEE Sendai Section.