

- 23(12):2077-2082.
- [7] Ming-Jun Chen, Lawrence K. Cormack, Alan C. Bovik. No-Reference Quality Assessment of Natural Stereopairs[J]. IEEE Transactions on Image Processing, 2013, 22(9):3379-3391.
- [8] Lin Y, Wu J. Quality Assessment of Stereoscopic 3D Image Compression by Binocular Integration Behaviors[J]. IEEE Transactions on Image Processing, 2014, 23(4): 1527-1542.
- [9] Farid M S, Lucenteforte M, Grangetto M. Blind depth quality assessment using histogram shape analysis[C]// 3dtv-Conference: the True Vision - Capture, Transmission and Display of 3d Video. IEEE, 2015:1-5.
- [10] Sohn H, Yong J J, Lee S I, et al. Predicting Visual Discomfort Using Object Size and Disparity Information in Stereoscopic Images[J]. IEEE Transactions on Broadcasting, 2013, 59(1):28-37.
- [11] Yong J J, Sohn H, Lee S I, et al. Predicting Visual Discomfort of Stereoscopic Images Using Human Attention Model[J]. IEEE Transactions on Circuits & Systems for Video Technology, 2013, 23(12):2077-2082.
- [12] Wang J, Wang S, Ma K, et al. Quantifying Perceptual Depth Quality in Distorted Stereoscopic Images[J]. IEEE Transactions on Image Processing A Publication of the IEEE Signal Processing Society, 2017, 26(3):1202-1215.
- [13] Shao F, Lin W, Li Z, et al. Toward Simultaneous Visual Comfort and Depth Sensation Optimization for Stereoscopic 3-D Experience.[J]. IEEE Transactions on Cybernetics, 2016, PP(99):1-13.
- [14] Şenol E, Özbek N. Quality of experience measurement of compressed multi-view video[J]. Signal Processing Image Communication, 2017, 57.
- [15] Chen Z, Zhou W, Li W. Blind Stereoscopic Video Quality Assessment: From Depth Perception to Overall Experience.[J]. IEEE Transactions on Image Processing, 2018, PP(99):721-734.
- [16] Mittal A, Moorthy A K, Bovik A C. No-reference image quality assessment in the spatial domain.[J]. IEEE Transactions on Image Processing, 2012, 21(12):4695-4708.
- [17] Zhou Wang, Bovik, A.C, Sheikh, H.R, et al. Image quality assessment: from error visibility to structural similarity[J]. IEEE Trans Image Process, 2004, 13(4):600-612.
- [18] Wang Z, Simoncelli E P, Bovik A C. Multiscale structural similarity for image quality assessment[C]// Signals, Systems and Computers, 2004. Conference Record of the Thirty-Seventh Asilomar Conference on. IEEE, 2004:1398-1402 Vol.2.
- [19] Sheikh HR, Bovik AC. Image information and visual quality[J]. IEEE Transactions on Image Processing A Publication of the IEEE Signal Processing Society, 2006, 15(2):430.
- [20] Chen M J, Su C C, Kwon D K, et al. Full-reference quality assessment of stereopairs accounting for rivalry[J]. Image Communication, 2013, 28(9):1143-1155.

第一作者简介:



董天阳, 1977 年生, 男, 副教授, 主要研究方向: 虚拟现实、服务计算和数据挖掘分析, E-mail: dty@zjut.edu.cn.

通信作者:



杨丽锦, 1994 年生, 硕士, 主要研究方向: 虚拟现实与图像处理. E-mail: 1050472997@qq.com

其他作者简介:

张鑫鹏, 男, 硕士研究生, 主要研究方向: 虚拟现实和计算机图形学, E-mail: lemonslice@foxmail.com.