Poster Presentation

[3Dp1/3DSAp1]3D and Hyper-realistic Displays and Applications 1

Thu. Nov 28, 2019 10:40 AM - 1:10 PM Main Hall (1F)

10:40 AM - 1:10 PM

[3Dp1/3DSAp1-2]Quality Analysis of Light-Waves considering Transmission Errors of Various Images for Wireless Transmission System of CGHs

*Kazuhiro Yamaguchi[1], Yuji Sakamoto[2] (1. Suwa University of Science (Japan), 2. Hokkaido University (Japan))

Keywords:Computer-generated holograms, Wireless transmission, Computer simulation

In this paper, a wireless transmission system model for computer-generated holograms is constructed, and quality of light-waves considering transmission errors of CGH are analyzed by using computer simulations. SNRs (Signal to noise ratio) of light-waves reconstructed from transmitted CGHs having some transmission errors were measured and evaluated.

©International Display Workshops Incorporated Association