

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

[3Dp1/3DSAp1-1]Compact Binocular Holographic Head-Mounted Display Using Viewing Zone Expansion Method with Multiple Light Sources

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Keywords:Head-mounted display, Augmented reality, Electro-holography, Computer-generated hologram

Holographic head mounted displays (HMDs) for augmented reality (AR) are being researched for use as work support because they can display images at a free depth. It is necessary to miniaturize the size of such devices for practical use. This paper proposes a compact binocular HMD for AR.