

Poster Presentation

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

2019年11月28日(木) 10:40 ~ 13:10 Main Hall (1F)

10:40 ~ 13:10

[3Dp1/3DSAp1-9]Effective Encoding of Binary Phase Hologram using Error Diffusion

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キーワード : Binary Phase Hologram, Error Diffusion

The paper proposed the algorithm to improve the performance of the conventional BERD in transforming the complex hologram into binary phase hologram to be applied into binary phase-only SLM. We can get the image quality more than PSNR 16dB in the numerical reconstruction of the binary phase hologram