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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)

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10:40 ~ 13:10

### [3Dp1/3DSAp1-13]Hologram Calculation of Light-in-flight Recording by Holography based on Numerical Simulation Model with FDTD Method

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キーワード : Light-in-flight recording, holography, computer-generated hologram, FDTD

We propose a numerical simulation model to calculate a hologram of light-in-flight recording by holography. The proposed model is based on not only ray tracing but also finite-difference time-domain method. We succeeded in numerically reconstructing light pulse propagation with total reflection from the hologram calculated by the proposed model.