

Oral Presentation

[3DSA5/3D5]Light Field 2

Chair: Jung-Young Son (Konyang Univ.)

Co-Chair: Munekazu Date (NTT)

Thu. Nov 28, 2019 5:20 PM - 6:40 PM Small Hall (2F)

6:20 PM - 6:40 PM

[3DSA5/3D5-4]An Autostereoscopic Display with Time-Multiplexed Directional Backlight Using a Curved Lens Array

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Keywords:Autostereoscopy, Curved Lens array, Crosstalk level, Time-division multiplexing, Directional light

We propose an autostereoscopic display with a curved directional backlight unit. The proposed backlight unit composed of a curved lens array and dot-matrix light sources suppresses the influence of filed curvature. Thus the crosstalk level is reduced without adding an additional layer of lens.