

Poster Presentation

[LCTp3]Viewing Angle Control

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

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[LCTp3-5L]Microscopic Polymer Structure Formation of PDLCs by Patterned UV Irradiation for Viewing Angle Controllable LCDs

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Keywords:Polymer-dispersed liquid crystal, Polymer structure, Light control, UV-curing

We established a control technique of the polymer aggregation structure in PDLCs by the pattern UV exposure using a photomask to control the diffused light distribution of PDLCs. As a result, we clarified that successfully achieved a precise control of the fine polymer aggregation structure by used the polymerization inhibitor.