

Oral Presentation

[LCT1]Evaluation Techniques

Chair: Masaru Inoue (Toyo Tech. LLC)

Co-Chair: Yoshinori Iwashita (DIC)

Wed. Nov 27, 2019 1:40 PM - 3:00 PM Room 107 (1F)

2:40 PM - 3:00 PM

[LCT1-5L]A Novel Orientation Method for Nematic LCs by Using Magnetic Field Lines with Permanent Magnets and Electric Field for Assisting the Reorientation

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Keywords:Radial orientation, Permanent magnet, LC lens, Polymer stabilization

We proposed an LC orientation treatment method that was used by the magnetic field lines and the electric field for assisting the director reorientation. It was shown that a radial orientation could be obtained by performing this process with the vertical alignment cell in the initial state.