

Materials List for:

## Orientalional Transition in a Liquid Crystal Triggered by the Thermodynamic Growth of Interfacial Wetting Sheets

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### Materials

| Name  | Company                | Catalog Number | Comments                                     |
|---|------------------------|----------------|--|
| CYTOP   | Asahi Glass Co. Ltd.   | CTX-809A       |  |
| Solvent for CYTOP                             | Asahi Glass Co. Ltd.   | CT-180 Sol.    |  |
| Alkaline detergent                            | Merck KGaA             | Extran MA01    |  |
| NOA61   | Norland Products, Inc. | #37-322        | Purchasable from Edmund Optics               |
| AL1254  | JSR Corporation        |                | Planar alignment material in self-made cells |
| 4'-butyl-4-heptyl-bicyclohexyl-4-carbonitrile | Nematel GmbH & Co. KG  |                | Custom-made                                  |
| UV-O <sub>3</sub> cleaner                     | Technovision Inc.      | UV-208         |  |
| Hot-stage system                              | Mettler Toledo         | HS82           |  |
| High-Definition Color Camera Head             | Nikon                  | DS-Fi1         |  |
| Impedance/gain-phase analyzer                 | Solartron Analytical   | 1260           |  |
| Indium Tin Oxide (ITO)-coated substrate       | GEOMATEC Co. Ltd.      |                | Custom-made                                  |