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- O50202 Organic Electrodes Consisting of Dianthratetrathiafulvalene and Fullerene and Their Application in Organic Field Effect Transistors (3 pages)

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- 050203 Reverse-Tilt-Domain Boundary Wall in a Polymer-Encapsulated Flexible Liquid Crystal Display (3 pages)
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- 050205 Moving Picture Recording and Observation of Visible Femtosecond Light Pulse Propagation (3 pages) Takashi Kakue, Masayuki Aihara, Tetsuya Takimoto, Yasuhiro Awatsuji, Kenzo Nishio, Shogo Ura, Toshihiro Kubota
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## **Regular Papers**

## Semiconductors, dielectrics, and organic materials

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- 051002 Band Alignment at the Cu<sub>2</sub>O/ZnO Heterojunction (6 pages)
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- 051301 Study of Nitrogen Effect on the Boron Diffusion during Heat Treatment in Polycrystalline Silicon/Nitrogen-Doped Silicon Thin Films (5 pages)
   Lynda Saci, Ramdane Mahamdi, Farida Mansour, Jonathan Boucher, Maéva Collet, Eléna Bedel Pereira, Pierre Temple-Boyer
- O51501 Comparison of Ferroelectric and Insulating Properties of Mn-Doped BiFeO<sub>3</sub> Films Formed on Pt, SrRuO<sub>3</sub>/Pt, and LaNiO<sub>3</sub>/Pt Bottom Electrodes by Radio-Frequency Sputtering (4 pages)
  Jeong Hwan Kim, Hiroshi Funakubo, Hiroshi Ishiwara
- 051502 Evaluation and Reliability Improvement Investigation of Electrical Characteristics of Ba<sub>0.9</sub>Sr<sub>0.1</sub>TiO<sub>3</sub> Dielectric Films Prepared by Electrophoretic Deposition Method (7 pages)
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