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Application of Reflection-spectrum Envelope; 4. Conclusion; Acknowledgments; References
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3.2. Calculation in Valence Band and Transition Energy4. Result and Discussion; References; Design of Optical Ring Resonator Filters for WDM Applications P. Saeung and P.P. Yupapin; 1. Introduction; 2. Optical Filter Designs and Z-transform; 2.1. A Single Stage MA Optical Filter; 2.2. A Single Stage AR Optical Filter; 2.3. A Single Stage ARMA Optical Filter; 3. Results and Discussion; 4. Conclusions; References; Chaotic Signal Filtering Device Using the Series Waveguide Micro Ring Resonator P.P. Yupapin, W. Suwancharoen, S. Chaiyasoonthorn and S. Thongmee; 1. Introduction
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Sommario/riassunto

Photonics and nanotechnology are popular emerging fields of technology. This proceedings volume contains over 12 selected papers from the International Workshop and Conference on Photonics and Nanotechnology (ICPN) 2007, held in Pattaya, Thailand, from December 16-18, 2007. The papers cover a wide range of topics, from optical and nonlinear optical physics to nanoelectronics.