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Altri autori (Persone)	SaeungP YupapinPreecha P
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Nota di contenuto	Preface; CONTENTS; Capacitance-Voltage Characteristics of InN Quantum Dots in AlGaIn/GaN Heterostructure A. Asgari and M. Afshari Bavili; 1. Introduction; 2. Model Description; 3. Results and Discussion; 4. Conclusions; References; A Comparison of Different Coherent Deep Ultraviolet Generations Using Second Harmonic Generation with the Blue Laser Diode Excitation C. Tangtrongbenjasil and K. Konaka; 1. Introduction; 2. Theoretical Background; 3. Coherent Deep UV-C Generation Setups and Experimental Results; 3.1. SHG with Feedback Grating as a Wavelength Selector Configuration 3.2. SHG with Transmission Grating as a Wavelength Selector Configuration 3.3. Symmetry SH Detection Configuration with Multimode Blue LD; 4. Discussion; 5. Conclusions; Acknowledgment; References; Application of Reflection-Spectrum Envelope for Sampled Gratings X. He, D.N. Wang, D. Huang and Y. Yu; 1. Introduction; 2. Analytical Expression of Reflection-spectrum Envelope; 2.1. Theory; 2.2. Reflection-spectrum Envelope of Conventional Sampled Grating; 3. Application of Reflection-spectrum Envelope; 4. Conclusion;

Acknowledgments; References

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1. Introduction; 2. Methodology; 3. Results and Discussion; 4. Conclusions;

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Experiment and Results; 4. Conclusion; Acknowledgments

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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.
