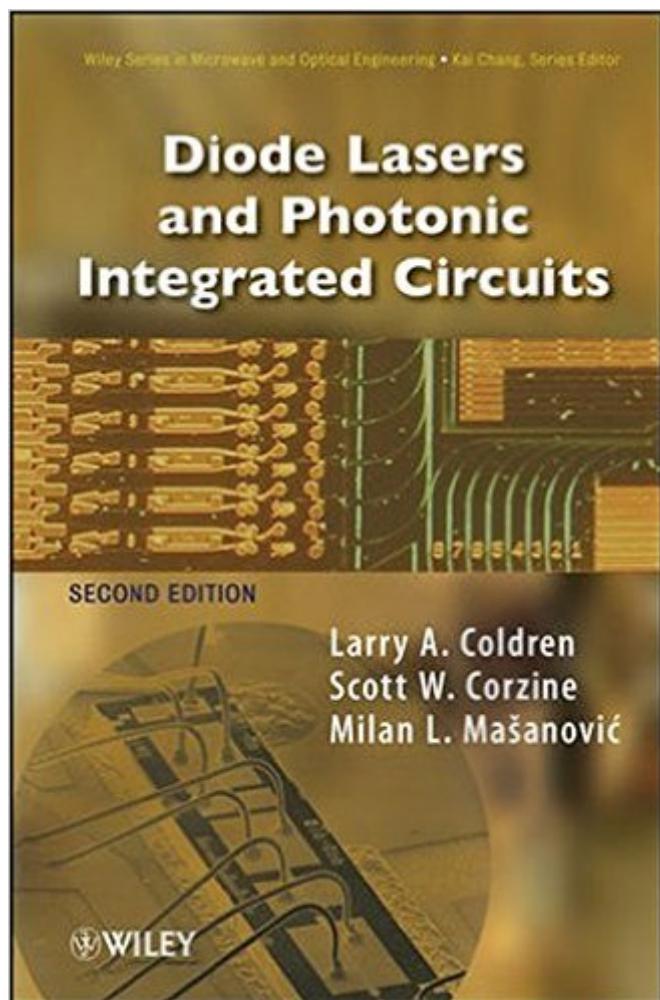


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Diode Lasers And Photonic Integrated Circuits



Synopsis

Diode Lasers and Photonic Integrated Circuits, Second Edition provides a comprehensive treatment of optical communication technology, its principles and theory, treating students as well as experienced engineers to an in-depth exploration of this field. Diode lasers are still of significant importance in the areas of optical communication, storage, and sensing. Using the the same well received theoretical foundations of the first edition, the Second Edition now introduces timely updates in the technology and in focus of the book. After 15 years of development in the field, this book will offer brand new and updated material on GaN-based and quantum-dot lasers, photonic IC technology, detectors, modulators and SOAs, DVDs and storage, eye diagrams and BER concepts, and DFB lasers. Appendices will also be expanded to include quantum-dot issues and more on the relation between spontaneous emission and gain.

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Customer Reviews

Lucid, broad, deep and error free - a worthy second edition successor to an already amazing first edition. Provides both theoretical insight as well as phenomenological perspective (whichever is our preference) - useful for designers as well as applications scientists. The new sections (e.g. piezoelectric and spontaneous polarization in GaN) are very welcome as are the updated references. I have had the first edition for about 10 years and even after having read it many times, I keep going back to it for reference. Two books that are must haves for anyone in the field of lasers/photonics are this book and the photonics book by S.L.Chuang.

Everybody who knows, knows the worth of this book. This review has more to do with the quality of the shipping. Shipped immediately and in good condition. Thank youFYI, This new edition is every bit worth dropping extra 40 bucks on.. The solved examples inside are very helpful

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