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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Device modeling and pulse characterization of gain switched semiconductor lasers | Picosecond dynamic processes of semiconductor lasers allow the generation of short optical pulses which find applications in a rich variety of relevant technological fields. In this book, a simple analysis of the semiconductor laser dynamics, based on the well known rate equation model, is reviewed. A particular device is considered for modeling and experiments: the 1550 nm Vertical Cavity Surface Emitting...

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- Authored by Consoli, Antonio
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