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Nota di contenuto	Preface; Contents; Introduction; Basics of Semiconductor Diode Lasers; Tunable Monolithic Semiconductor Diode Lasers; Elements for Tunable External Cavity Diode Lasers; Systems for Tunable External Cavity Diode Lasers; Implementation of Tunable External Cavity Diode Lasers; Frequency Stabilization of Tunable External Cavity Diode Lasers; Applications of Tunable External Cavity Diode Lasers; Conclusions; Bibliography; Index
Sommario/riassunto	This is the first book on tunable external cavity semiconductor diode lasers, providing an up-to-date survey on the physics, technology, and performance of widely applicable coherent radiation sources of tunable external cavity diode lasers. The purpose is to provide a thorough account of the state-of-the-art of tunable external cavity diode lasers which is achieved by combining this account with basic concepts of semiconductor diode lasers and its tunability with monolithic structures.