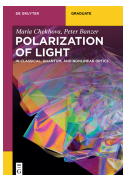


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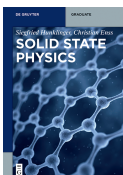


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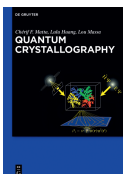
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Semiconductor Quantum Light Sources

Fundamentals, Technologies and Devices

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To my wife Silke and my sons Jan, Dennis, and Tim

P. M.

To my mother Lucia and my father Angelo

S. L. P.

