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Sommario/riassunto	Optically stimulated luminescence has developed into one of the leading optical techniques for the measurement and detection of ionizing radiation. This text covers, in a readable manner, advanced modern applications of the technique, how it can play a useful role in different areas of dosimetry and how to approach the challenges presented when working with optically stimulated luminescence. The six chapters are as follows: Introduction, including a short history of OSL and details of successful applications Theory and Practical Aspects Personal Dosimetry <l