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Sommario/riassunto

This volume presents information on the exciting breakthroughs and the very quickly evolving fields of research in laser science and applications. This book provides state-of-the-art knowledge of lasers and their applications, with contributions from scientists and technologists from Egyptian and international universities, institutes, ministries and industries in this highly advanced field of science and technology. This book covers topics related to laser development and applications in the following fields of research: fiber optics; remote sensing; ultra-fast phenomena; laser spectroscopy;