



# Nonlinear Optics and Solid-State Lasers: Advanced Concepts, Tuning-Fundamentals and Applications (Springer Series in Optical Sciences)

*By Jianquan Yao, Yuyue Wang*

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This book covers the complete spectrum of nonlinear optics and all solid state lasers. The book integrates theory, calculations and practical design, technology, experimental schemes and applications. With the expansion and further development of Laser technology, the wavelength spectrum of Lasers had to be enlarged, even to be tunable which requires the use of nonlinear optical and Laser tunable technology. It systematically summarizes and integrates the analysis of international achievements within the last 20 years in this field. It will be helpful for university teachers, graduate students as well as engineers.

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From the Back Cover

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About the Author

About the author: very prominent scientist

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Visiting Scholar at UC Davis and UC Berkeley, Ginzton Lab., Stanford University, Polytechnic University, N.Y., Univ. of Central Florida, U. of Pennsylvania, Princeton University, Center for Laser Studies of USC, CA, Hong Kong University of Science & Technology, U. of St. Andrews, U. Liverpool,

U. Strathclyde, U. Of Southampton, UK, CNET, France

Consultant at Quantronics Corp.

Vice Chairman of Laser Speciality Committee of OSC

Awards:

World Gold Medal of Invention, Eureka, Brussels, 1988

National Invention Award Class II, Academician, Chinese Academy of Science,

authored 5 books in Chinese

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**Georgette Tang:**

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