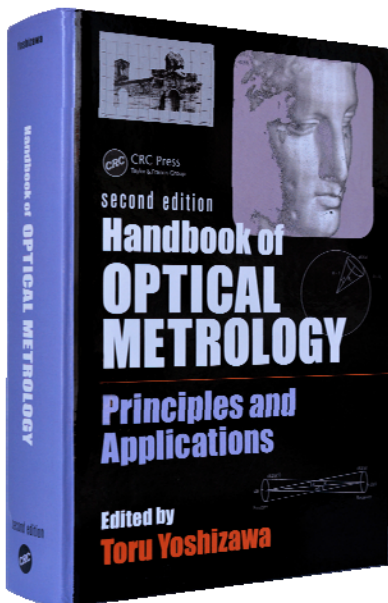


Handbook of Optical Metrology: Principles and Applications, 2nd Edition: Book Review

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Published by CRC Press (Taylor & Francis Group) *Handbook of Optical Metrology: Principle and Applications, 2nd Edition* edited by Toru Yoshizawa (NPO 3D Associates, Yokohama, Japan) consists of three multi-chapter sections, which cover fundamentals of optical elements, devices, key principles, techniques for metrology and practical applications. 34 book chapters of 905-page book are written by 44 contributors – experts in optical engineering and metrology from China, Germany, India, Japan, Singapore, South Korea, Switzerland, UK and USA. Almost each of well-illustrated chapters are followed by dozens well selected references including books, journal articles, conference papers, standards and web links. Each chapters begins from the detailed contents. It gives a possibility to use any chapter from the *Handbook* independently. The book is finished by 17-page index with the main terms from optical engineering and metrology.

In comparison with the 1st edition (2009), the 2nd edition is significantly revised and contains new information about the latest development and applications. The editor – Toru Yoshizawa has taken into account numerous feedbacks to the previous book edition.

The *Handbook of Optical Metrology* helps to readers easily apply optical principles and techniques to their research or/and industrial applications; and fills the existing gap between academic researches and practical applications. Half of the book is devoted to practical applications (the 3rd section). Carefully written to make information accessible to beginners, this book is also an excellent resource for researchers and engineers from industry and academy, and it is no any doubt that this is ‘a must have book’ for students who are making the first steps in the optical engineering.