Record Nr. UNISA996200694003316 Nuclear fusion by inertial confinement: a comprehensive treatise // Titolo Guillermo Velarde, Yigal Ronen, Jose M. Martinez-Val Pubbl/distr/stampa Boca Raton, Florida:,: CRC Press,, [1993] ©1993 **ISBN** 1-00-306859-6 1-000-14198-5 1-000-09885-0 1-003-06859-6 Descrizione fisica 1 online resource (766 pages): illustrations Disciplina 361.32 Soggetti Inertial confinement fusion Nuclear fusion Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Includes index. Note generali Sommario/riassunto Nuclear Fusion by Inertial Confinement provides a comprehensive analysis of directly driven inertial confinement fusion. All important aspects of the process are covered, including scientific considerations that support the concept, lasers and particle beams as drivers, target fabrication, analytical and numerical calculations, and materials and engineering considerations. Authors from Australia, Germany, Italy, Japan, Russia, Spain, and the U.S. have contributed to the volume, making it an internationally significant work for all scientists working in the Inertial Confinement Fusion (ICF) field, as well as for graduate students in engineering and physics with interest in ICF.