1. Record Nr. UNINA9910404112603321 Autore Myers Stephen Titolo Particle Physics Reference Library [[electronic resource]]: Volume 3: Accelerators and Colliders / / edited by Stephen Myers, Herwig Schopper Pubbl/distr/stampa Springer Nature, 2020 Cham:,: Springer International Publishing:,: Imprint: Springer,, 2020 **ISBN** 3-030-34245-X Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (X, 863 p. 388 illus., 263 illus. in color.) Disciplina 539.73 Soggetti Particle acceleration Physical measurements Measurement Elementary particles (Physics) Quantum field theory Nuclear physics Heavy ions Particle Acceleration and Detection, Beam Physics Measurement Science and Instrumentation Elementary Particles, Quantum Field Theory Nuclear Physics, Heavy Ions, Hadrons Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Accelerators, Colliders and Their Application -- Beam Dynamics --Non-linear Dynamics in Accelerators -- Impedance and Collective Effects -- Interactions of Beams With Surroundings -- Design Principles for Synchrotrons and Circular Colliders -- Design Principles for Linear Accelerators and Linear Colliders -- Accelerator Engineering and Technology -- Accelerator Operations -- The Largest Accelerators and Colliders of Their Time -- Applications of Accelerators and Storage

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