1. Record Nr. UNINA9910454190103321 Autore Sardesai P. L. Titolo A primer of special relativity [[electronic resource] /] / P.L. Sardesai New Delhi, : New Age International (P) Ltd., Publishers, c2004 Pubbl/distr/stampa **ISBN** 1-281-22441-3 9786611224417 81-224-2327-2 1 online resource (190 p.) Descrizione fisica Disciplina 530.11 Special relativity (Physics) Soggetti Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Preface; Contents; Chapter 1. Pre-Einstein Relativity; Chapter 2. Ether. The Myth and The Truth: Chapter 3. Lorentz Transformations and Some Consequences; Chapter 4. Relativity of Simultaneity, Colocality, Etc.; Chapter 5. Relativity Theory of Some Optical Effects; Chapter 6. Mass, Momentum and Energy; Chapter 7. Relativistic Mechanics; Chapter 8. Four-Vectors; Chapter 9. Relativity and Electromagnetism; Bibliography; Index A Primer of Special Relativity1 is an unusually lucid introduction to the Sommario/riassunto subject specifically written for Indian students. It is intended to give the beginner a firm grounding for a more advanced course in relativity. An entire chapter is devoted to applications of the theory to elucidate a large number of topics the students (B.Sc. Physics) come across in Modern Physics. Detailed and well-selected examples are used to illuminate aspects of the theory as well as to show techniques of

application. A large number of Illustrative Examples enables the

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