1. Record Nr. UNINA9910794453103321 Autore Koranga Bipin Singh Titolo An introduction to tensor analysis / / Bipin Singh Koranga, Sanjay Kumar Padaliya Pubbl/distr/stampa Gistrup, Denmark:,: River Publishers,, [2020] ©2020 **ISBN** 1-00-333719-8 1-003-33719-8 1-000-79591-8 87-7022-580-X Edizione [1st ed.] Descrizione fisica 1 online resource (128 pages) Collana River Publishers Series in Mathematical and Engineering Sciences Disciplina 515.724 Soggetti Tensor algebra Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia This is a short introduction to the topic of Tensor Analysis. A tensor is Sommario/riassunto an entity which is represented in any coordinate system by an array of numbers called its components. The components change from coordinate system to coordinate in a systematic way described by rules. The arrays of numbers are not the tensor; they are only the representation of the tensor in a particular coordinate system. The special properties of tensors are important for solving problems in Physics and Geometry.