1. Record Nr. UNINA9910598176203321 Autore Ryall Emily Titolo Philosophical Issues in Sport Science / / Emily Ryall Basel:,: MDPI - Multidisciplinary Digital Publishing Institute,, 2020 Pubbl/distr/stampa Descrizione fisica 1 online resource (140 pages) Disciplina 796.019 Soggetti Sports - Psychological aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto About the Special Issue Editor vii -- Introduction to Philosophical Issues in Sport Science 1 -- The Necessity of Philosophy in the Exercise Sciences 9 -- The Hazards of a Biomedical Exercise Paradigm: Exploring the Praxis of Exercise Professionals 20 -- What Might a Theory of Causation Do for Sport? 33 -- Casuistic Reasoning, Standards of Evidence, and Expertise on Elite Athletes' Nutrition 44 -- Unnatural Technology in a "Natural" Practice? Human Nature and Performance-Enhancing Technology in Sport 55 -- Chips and Showmanship: Running and Technology 71 -- Applying Philosophy to Refereeing and Umpiring Technology 77 -- Why You Don't Have to Choose between Accuracy and Human Officiating (But You Might Want to Anyway) 84 --Something's Got to Give: Reconsidering the Justification for a Gender Divide in Sport 93 -- Testosterone: 'the Best Discriminating Factor' 106 -- Sports Tournaments and Social Choice Theory 121. The role and value of science within sport increases with ever greater Sommario/riassunto professionalization and commercialization. Scientific and technological innovations are devised to increase performance, ensure greater

professionalization and commercialization. Scientific and technological innovations are devised to increase performance, ensure greater accuracy of measurement and officiating, reduce risks of harm, enhance spectatorship, and raise revenues. However, such innovations inevitably come up against epistemological and metaphysical problems related to the nature of sport and physical competition. This Special Issue identifies and explores key and contemporary philosophical issues in relation to the science of sport and exercise. It is divided into three sections: 1. Scientific evidence, causation, and sport; 2. Science technology and sport officiating; and 3. Scientific influences on the

construction of sport.It brings together scholars working on philosophical problems in sport to examine issues related to the values and assumptions behind sport and exercise science and key problems resulting from these and to provide recommendations for improving its practice.