

1. Record Nr.	UNINA9910983495703321
Autore	Esparza-Ros Francisco
Titolo	Anthropometry : Fundamentals of Application and Interpretation // by Francisco Esparza-Ros, Raquel Vaquero-Cristóbal
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031775352 303177535X
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XV, 149 p. 8 illus., 7 illus. in color.)
Disciplina	617.1027
Soggetti	Sports medicine Sports sciences Recreation - Equipment and supplies Medical sciences Sports Medicine Sport Technology Sports Biomechanics Health Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction to anthropometry -- 2. Ethics and proxemics -- 3. Anthropometric equipment and its characteristics -- 4. Sources of error and statistics applied to kinanthropometry -- 5. Analysis of body composition through anthropometric assessment -- 6. Proportionality analysis by means of anthropometric assessment -- 7. Analysis of somatotype through anthropometric assessment -- 8. Applying anthropometry in sports: from the identification sporting talents to elite sport -- 9. Applying anthropometry in health: diseases identification and diagnosis.
Sommario/riassunto	The science of Anthropometry is gaining an increasing number of followers, as it allows for a valid, reliable and cheap assessment of body composition and other interesting variables from the point of view of health and sport. However, not many books have addressed the anthropometric technique from its foundations. This book deals with

issues to consider during an anthropometric assessment, such as the physical approach to the subject during the anthropometric assessment, or the factors to consider so that the data obtained are valid and reliable. It also clearly and concisely addresses the approach to body composition with anthropometry, what somatotype is, and how it is interpreted, and how anthropometry can be used to obtain proportionality values, which are very useful for the detection of sporting talents. Finally, the application of anthropometry in two of the fields where anthropometry is most used: the field of sport from the basics to elite sport, and health. All of this is conducted under the perspective of two of the world's leading experts in kinanthropometry, with the goal for the reader to acquire knowledge on every aspect of anthropometry, from the basics to in-depth knowledge of this science.

2. Record Nr.	UNINA9910437925003321
Autore	Gong Zaiwu
Titolo	Uncertain fuzzy preference relations and their applications / / Zaiwu Gong, Yi Lin, and Tianxiang Yao
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2013
ISBN	9783642284489 3642284485
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XIV, 210 p.)
Collana	Studies in fuzziness and soft computing, , 1434-9922 ; ; 281
Altri autori (Persone)	LinYi <1959-> YaoTianxiang
Disciplina	519.542
Soggetti	Fuzzy decision making Fuzzy sets
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Relevant Theories of Reciprocal Preference and Fuzzy Preference Relations -- Complementary Preference Relations of Interval Fuzzy Numbers -- Complementary Preference Relations of Triangular Fuzzy Numbers -- Two-Tuple Linguistic Preference Relations -- Preference Relations of Trapezoidal Fuzzy Numbers -- Group Decision Making for Different Fuzzy Preference Relations -- Intuitionistic Fuzzy Preference

Sommario/riassunto

On the basis of fuzzy sets and some of their relevant generalizations, this book systematically presents the fundamental principles and applications of group decision making under different scenarios of preference relations. By using intuitionistic knowledge as the field of discourse, this work investigates by utilizing innovative research means the fundamental principles and methods of group decision making with various different intuitionistic preferences: Mathematical reasoning is employed to study the consistency of group decision making; Methods of fusing information are applied to look at the aggregation of multiple preferences; Techniques of soft computing and optimization are utilized to search for satisfactory decision alternatives. Each chapter follows the following structurally clear format of presentation: literature review, development of basic theory, verification and reasoning of principles, construction of models and computational schemes, and numerical examples, which cover such areas as technology, enterprise competitiveness, selection of airlines, experts decision making in weather-sensitive enterprises, etc. In terms of theoretical principles, this book can be used as a reference for researchers in the areas of management science, information science, systems engineering, operations research, and other relevant fields. It can also be employed as textbook for upper level undergraduate students and graduate students. In terms of applications, this book will be a good companion for all those decision makers in government, business, and technology areas.
