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Autore	De Renzi, Salvatore <1800-1872>
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Autore	Niculescu Constantin P
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Altri autori (Persone)	PerssonLars-Erik
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Nota di contenuto	<p>Convex Functions at a First Glance -- More on Convex Functions on Intervals -- Convex Sets in Real Linear Spaces -- Convex Functions on a Normed Linear Space -- Differentiable Convex Functions. 6. Convexity and Majorization -- Convexity in Spaces of Matrices -- Convexity in Spaces of Matrices -- Duality and Convex Optimization -- Special Topics in Majorization Theory. Appendices -- Generalized Convexity on Intervals -- Background on Convex Sets -- Elementary Symmetric Functions -- Second Order Differentiability of Convex Functions -- The Variational Approach of PDE.</p>
Sommario/riassunto	<p>This third edition presents an expanded and updated treatment of convex analysis methods, incorporating many new results that have emerged in recent years. These additions are essential for grasping the practical applications of convex function theory in solving contemporary real-world problems. To reflect these advancements, the material has been meticulously reorganized, with a greater emphasis on topics relevant to current research. Additionally, great care has been taken to ensure that the text remains accessible to a broad audience, including both students and researchers focused on the application of mathematics. Ideal for undergraduate courses, graduate seminars, or as a comprehensive reference, this book is an indispensable resource for those seeking to understand the extensive potential of convex function theory. In addition, this book: Can be used both as a research monograph or a graduate textbook Covers a vast array of various aspects, generalizations, applications and new research connected to convexity Contains in each subsection exercises which are useful both in courses and as a source of inspiration for new research.</p>