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Nota di contenuto	Front Cover; Dedication; Table of Contents; Preface; Biography of Steven G.Krantz; Chapter 0: Why Convexity?; Chapter 1: Basic Ideas; Chapter 2: Characterization of Convexity Using Functions; Chapter 3: Further Developments Using Functions; Chapter 4: Applications of the Idea of Convexity; Chapter 5: More Sophisticated Ideas; Chapter 6: The MiniMax Theorem; Chapter 7: Concluding Remarks; Appendix: Technical Tools; Table of Notation; Glossary; Bibliography
Sommario/riassunto	Convexity is an ancient idea going back to Archimedes. Used sporadically in the mathematical literature over the centuries, today it is a flourishing area of research and a mathematical subject in its own right. Convexity is used in optimization theory, functional analysis, complex analysis, and other parts of mathematics.Convex Analysis introduces analytic tools for studying convexity and provides analytical applications of the concept. The book includes a general background on classical geometric theory which allows readers to obtain a glimpse of how modern mathematics is developed and how g