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Nota di contenuto	1. Fractional order accumulation -- 2. Grey system model with the fractional order accumulation -- 3. Grey multivariable convolution model with new information priority accumulation -- 4. Fractional Hausdorff grey model and its properties -- 5. Grey accumulation generator operator for the middle size data -- 6. Applications of the fractional order models.
Sommario/riassunto	This book covers up-to-date theoretical and applied advances in fractional order grey systems theory from across the world and vividly presents the reader with the overall picture of this new theory and its frontier research. Many of the concepts, models, and methods in the book are original by the author, including grey system model with the fractional order accumulation and its properties, the relationship between the sample size and the stability of grey forecasting model, applications of the fractional order grey models in sustainable development and energy consumption forecasting, grey forecasting model for the middle size data, etc. This book is appropriate as a reference and/or professional book for courses of environmental management and grey system theory for graduate students or high-level undergraduate students, majoring in areas of science, technology,

agriculture, environmental science, earth science, economics, and management. It is also utilized by researchers and practitioners in research institutions, business entities, and government agencies.
