

1. Record Nr.	UNINA9910647780503321
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Titolo	Emerging studies and applications of grey systems // Yingjie Yang and Sifeng Liu
Pubbl/distr/stampa	Singapore : , : Springer, , [2023] ©2023
ISBN	981-19-3424-X
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (335 pages)
Collana	Series on Grey System, , 2731-4944
Disciplina	003
Soggetti	System analysis System analysis - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Development of Grey System Research -- 2. Basic models in grey systems theory -- 3. Grey systems and uncertainty modelling -- 4. Agent-based modelling in grey economic systems -- 5. Selection of the company's strategy using Grey Stratified Decisions Model. .
Sommario/riassunto	This book aims to provide a practical guide by a set of real world applications of grey systems to social networks, energy management, transportation, natural disaster management, etc. As an emerging subject on data analysis and uncertainty modelling, the theory of grey systems and its applications have seen significant progress in recent years. However, researchers are still challenged with difficulties in differentiating grey systems from other similar models and a concise and practical guide for their real world applications. This is especially true for researchers in Europe and North American. This book may provide the answer for that. This book is a result of work within the Leverhulme Trust International Research Network on Grey Systems and its Applications. Readers may regard the book as valuable reference in the related fields.