1. Record Nr.   UNINA9910169197003321

Titolo	Dynamical Systems : Analytical and Computational Techniques / / edited by Mahmut Reyhanoglu
Pubbl/distr/stampa	Croatia : , : IntechOpen, , 2017
ISBN	953-51-5091-X
	953-51-3016-1
Descrizione fisica	1 online resource (272 pages) : illustrations
Disciplina	620.104
Soggetti	Dynamical systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.   UNINA9910827469703321

Autore	Nigrini Mark J (Mark John)
Titolo	Forensic analytics : methods and techniques for forensic accounting investigations / / Mark J. Nigrini
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , [2020]
	2020
ISBN	1-119-58590-2
	1-119-58587-2
Edizione	[Second edition.]
Descrizione fisica	1 online resource (547 pages)
Collana	Wiley corporate F & A series
Classificazione	336.97
	363.25963
Disciplina	363.25963
Soggetti	Forensic accounting
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous edition: 2011
	Includes bibliographical references and index

Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	"The book will review and discuss (with Access and Excel examples) the methods and techniques that investigators can use to uncover anomalies in corporate and public sector data. These anomalies would include errors, biases, duplicates, number rounding, and omissions. The focus will be the detection of fraud, intentional errors, and unintentional errors using data analytics. Despite the quantitative and computing bias, the book will still be interesting to read with interesting vignettes and illustrations. Most chapters will be understandable by accountants and auditors that usually are lacking in the rigors of mathematics and statistics. The data interrogation methods are based on (a) known statistical techniques, and (b) the author's own published research in the field. New to this edition are: Updates to Windows and Microsoft Office R, which is now a viable data analytics product. New fraud cases There are many published books on data mining, which is defined as the analysis of (large) data sets to find unsuspected relationships, and to summarize the data in novel ways that are both understandable and useful to the data owner. The results of such analyses could be sales predictions or discovering previously unknown patterns and rules. Data mining involves using the data for some specific purpose (often tied to marketing) but typically has no fraud detection motive. Yet, data mining can be a valuable tool to detect errors and anomalies that can lead to the discovery of fraud"--