1.	Record Nr.	UNINA9910455238603321
	Autore	Mudge Stephen M
	Titolo	Fatty alcohols [[electronic resource]] : anthropogenic and natural occurrence in the environment / / Stephen M. Mudge, Scott E. Belanger, Allen M. Nielsen
	Pubbl/distr/stampa	Cambridge, UK, : Royal Society of Chemistry, c2008
	ISBN	1-84755-859-3
	Descrizione fisica	1 online resource (174 p.)
	Altri autori (Persone)	BelangerScott E NielsenAllen M
	Disciplina	547.031
	Soggetti	Fatty alcohols Alcohols Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references (p. 142-154) and index.
	Nota di contenuto	Fatty Alchols_publicity; i_iv; v_vi; vii_xi; xii; xiii_xiv; 001_009; 010_019; 020_031; 032_051; 052_066; 067_074; 075_109; 110_116; 117_127; 128_141; 142_154; 155_159
	Sommario/riassunto	Fatty alcohols occur naturally in most organisms and can also be used in consumer products including detergents and cosmetics and all of these materials make their way to the sea eventually. These long chain alcohols can be used as biomarkers due to their distinctive source allocations although they have differential degradation rates across the range of chain lengths. Concern has been raised about their inputs from anthropogenic uses and this book seeks to set out the natural and industrial synthetic pathways, sources, signatures, concentrations in the environment, toxicity and eco-toxicity b

2. Record Nr.	UNINA9910886069403321
Autore	Ouvrard Régis
Titolo	Partial Moments in System Identification / / by Régis Ouvrard, Thierry Poinot, Jean-Claude Trigeassou
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-58156-3
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (179 pages)
Collana	Lecture Notes in Control and Information Sciences, , 1610-7411 ; ; 494
Altri autori (Persone)	PoinotThierry TrigeassouJean-Claude
Disciplina	003
Soggetti	System theory Control theory Automatic control Differential equations Computer science - Mathematics Discrete mathematics Systems Theory, Control Control and Systems Theory Differential Equations Discrete Mathematics in Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. An introduction about moments in identification -- Chapter 2. An introductory example -- Chapter 3. Partial moments in continuous-time -- Chapter 4. Partial moments in discrete-time -- Chapter 5. Algebraic identification, a partial moment approach -- Chapter 6. Continuous-time subspace based method -- Chapter 7. Continuous-time linear parameter varying model -- Chapter 8. Multidimensional partial moments -- Chapter 9. Perspectives -- Referrences.
Sommario/riassunto	This book provides a complete round-up of developments concerned with the application of partial moments in system identification and data-driven modelling; it captures the essence of work carried out at the Laboratoire d'Informatique et d'Automatique pour les Systèmes for

more than 40 years. The book begins with introductory material, describing both the mathematical tools associated with partial moments and reinitialized partial moments and an example demonstrating their use. The authors then proceed to show how these tools can be used for the identification of continuous-time linear models, discrete-time linear models, continuous-time linear state-space models, linear parameter-varying models and multidimensional models based on partial differential equations. The properties and performances of each of these approaches are presented. The analogy with algebraic approaches is proved, thus opening perspectives for extension to other fields. The text removes some long-standing limitations on the implementation of partial-moment-based tools in system identification. This book is of interest to researchers and postgraduates studying system identification, control theory, applied mathematics and computer science. It is also useful for engineers working on industrial applications of parametric estimation of mathematical models. .