

1. Record Nr.	UNINA9910816959703321
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Titolo	Detection and estimation for communication and radar systems // Kung Yao, University of California, Los Angeles, Flavio Lorenzelli, The Aerospace Corporation, Los Angeles, Chiao-En Chen, National Chung Cheng University, Taiwan [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
ISBN	1-107-23334-8 1-139-60976-9 1-139-01561-3 1-139-61162-3 1-139-62092-4 1-283-94804-4 1-139-62464-4 1-139-61534-3 1-139-60833-9
Descrizione fisica	1 online resource (x, 322 pages) : digital, PDF file(s)
Disciplina	621.382/2
Soggetti	Signal processing Signal detection
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: 1. Introduction and motivation to detection and estimation; 2. Review of probability and random processes; 3. Statistical hypothesis testing theory; 4. Detection of deterministic binary signals in Gaussian noises; 5. M-ary detection and classification of deterministic signals; 6. Non-coherent detection; 7. Parameter estimation; 8. Analytical and simulation methods for system performance analysis and design.
Sommario/riassunto	Covering the fundamentals of detection and estimation theory, this systematic guide describes statistical tools that can be used to analyze, design, implement and optimize real-world systems. Detailed derivations of the various statistical methods are provided, ensuring a

deeper understanding of the basics. Packed with practical insights, it uses extensive examples from communication, telecommunication and radar engineering to illustrate how theoretical results are derived and applied in practice. A unique blend of theory and applications and over 80 analytical and computational end-of-chapter problems make this an ideal resource for both graduate students and professional engineers.

2. Record Nr.	UNINA9910427670303321
Titolo	Neural Information Processing : 27th International Conference, ICONIP 2020, Bangkok, Thailand, November 23–27, 2020, Proceedings, Part II / / edited by Haiqin Yang, Kitsuchart Pasupa, Andrew Chi-Sing Leung, James T. Kwok, Jonathan H. Chan, Irwin King
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-63833-2
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XXVI, 823 p. 483 illus., 254 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 12533
Disciplina	006.32
Soggetti	Pattern recognition systems Machine learning Application software Social sciences - Data processing Automated Pattern Recognition Machine Learning Computer and Information Systems Applications Computer Application in Social and Behavioral Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	The three-volume set of LNCS 12532, 12533, and 12534 constitutes the proceedings of the 27th International Conference on Neural Information Processing, ICONIP 2020, held in Bangkok, Thailand, in

November 2020. Due to COVID-19 pandemic the conference was held virtually. The 187 full papers presented were carefully reviewed and selected from 618 submissions. The papers address the emerging topics of theoretical research, empirical studies, and applications of neural information processing techniques across different domains. The second volume, LNCS 12533, is organized in topical sections on computational intelligence; machine learning; robotics and control.

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