

1. Record Nr.	UNINA9910697525503321
Titolo	Calibration procedures and instrumental accuracies for ATLAS wind measurements [[electronic resource] /] / H.P. Freitag ... [and others]
Pubbl/distr/stampa	[Seattle, Wash.] : , : [Pacific Marine Environmental Laboratory], , [2001]
Descrizione fisica	iv, 20 pages : digital, PDF file
Collana	NOAA technical memorandum OAR PMEL ; ; 119 Contribution 2339 from NOAA/Pacific Marine Environmental Laboratory Contribution 839 from the Joint Institute for the Study of the Atmosphere and Ocean (JISAO)
Altri autori (Persone)	FreitagHoward Paul
Soggetti	Winds - Speed - Measurement Upper air temperature - Measurement Ocean-atmosphere interaction Hygrometry Anemometer - Calibration Meteorological instruments - Calibration
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Apr. 1, 2009). "June 2001."
Nota di bibliografia	Includes bibliographical references (page 15).

2. Record Nr.	UNINA9910299898503321
Autore	Vyas Aparna
Titolo	Multiscale Transforms with Application to Image Processing // by Aparna Vyas, Soohwan Yu, Joonki Paik
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018
ISBN	981-10-7272-8
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XIV, 254 p. 29 illus., 18 illus. in color.)
Collana	Signals and Communication Technology, , 1860-4862
Disciplina	621.367
Soggetti	Signal processing Image processing Speech processing systems Optical data processing Signal, Image and Speech Processing Image Processing and Computer Vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Includes index.
Nota di contenuto	I Introduction to Image Processing -- 1 Fundamentals of Digital Image Processing -- II Multiscale Transform -- 2 Fourier Analysis and Fourier Transform -- 3 Wavelets and Wavelet Transform -- 4 New Multiscale Constructions -- III Application of Multiscale transforms to Image Processing -- 5 Image Restoration -- 6 Image Enhancement. - Appendix A -- Appendix B -- Appendix C -- Appendix D -- Appendix E.- Index.
Sommario/riassunto	This book provides an introduction to image processing, an overview of the transforms which are most widely used in the field of image processing, and an introduction to the application of multiscale transforms in image processing. The book is divided into three parts, with the first part offering the reader a basic introduction to image processing. The second part of the book starts with a chapter on Fourier analysis and Fourier transforms, wavelet analysis, and ends with a chapter on new multiscale transforms. The final part of the book deals with all of the most important applications of multiscale transforms in image processing. The chapters consist of both tutorial and highly advanced material, and as such the book is intended to be a

reference text for graduate students and researchers to obtain state-of-the-art knowledge on specific applications. The technique of solving problems in the transform domain is common in applied mathematics and widely used in research and industry, but is a somewhat neglected subject within the undergraduate curriculum. It is hoped that faculty can use this book to create a course that can be offered early in the curriculum and fill this void. Also, the book is intended to be used as a reference manual for scientists who are engaged in image processing research, developers of image processing hardware and software systems, and practising engineers and scientists who use image processing as a tool in their applications.
