1. Record Nr. UNINA9910822100703321

Autore	Kok Chi-Wah
Titolo	Digital image interpolation in MATLAB® / / Chi-Wah Kok and Wing-Shan Tam
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley : , : IEEE Press, , 2019
ISBN	1-119-11964-2 1-119-11963-4 9781119119623
Edizione	[First edition]
Descrizione fisica	1 online resource (339 pages)
Collana	THEi Wiley ebooks.
Disciplina	006.686
Soggetti	Image processing - Digital techniques - Data processing Interpolation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book provides a comprehensive study in digital image interpolation with theoretical, analytical and Matlab® implementation. It includes all historically and practically important interpolation algorithms, accompanied with Matlab® source code on a website, which will assist readers to learn and understand the implementation details of each presented interpolation algorithm. Furthermore, sections in fundamental signal processing theories and image quality models are also included. The authors intend for the book to help readers develop a thorough consideration of the design of image interpolation algorithms and applications for their future research in the field of digital image processing. Introduces a wide range of traditional and advanced image interpolation methods concisely and provides thorough treatment of theoretical foundations Discusses in detail the assumptions and limitations of presented algorithms Investigates a variety of interpolation and implementation methods including transform domain, edge-directed, wavelet and scale-space, and fractal based methods Features simulation results for comparative analysis, summaries and computational and analytical exercises at the end of each chapter Digital Image Interpolation in Matlab® is an excellent

	guide for researchers and engineers working in digital imaging and digital video technologies. Graduate students studying digital image processing will also benefit from this practical reference text.

2.

Record Nr.	UNINA9910830607703321
Autore	Srivastava S. P (Som Prakash), <1940->
Titolo	Developments in lubricant technology / / S.P. Srivastava
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2014 ©2014
ISBN	1-118-90794-9 1-118-90782-5 1-118-90786-8
Descrizione fisica	1 online resource (851 p.)
Disciplina	621.8 621.8/9 621.89
Soggetti	Lubrication and lubricants
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction-lubricant scenario -- Classification of lubricants -- Mineral and chemically modified lubricating base oils -- Synthesised base oils -- Lubricant additives and their evaluation -- Lubrication, friction and wear -- Steam and gas turbine oils -- Hydraulic fluids -- Compressor, vacuum pump and refrigeration oils -- Gear oils and transmission fluids -- Industrial and automotive gear oils -- Automatic transmission fluids -- Passenger car motor oils -- Engine oils for commercial vehicles -- 2-stroke and small engine lubricants -- Rail road, marine, and natural gas engine oils -- Metal working fluids -- Lubricants blending, quality control, and handling of lubricants -- Re-refining and recycling of lubricants -- In-service monitoring of lubricants and failure analysis -- Lubricant tests and their significance.
Sommario/riassunto	Provides a fundamental understanding of lubricants and lubricant

technology including emerging lubricants such as synthetic and environmentally friendly lubricants Teaches the reader to understand the role of technology involved in the manufacture of lubricants Details both major industrial oils and automotive oils for various engines Covers emerging lubricant technology such as synthetic and environmentally friendly lubricants Discusses lubricant blending technology, storage, re-refining and condition monitoring of lubricant in equipment