

1. Record Nr.	UNINA9910583315103321
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Titolo	High dynamic range video : concepts, technologies, and applications / / edited by Alan Chalmers, University of Warwick, Coventry, United Kingdom [and three others]
Pubbl/distr/stampa	Amsterdam : , : Academic Press, , [2017] ©2017
ISBN	0-08-101038-9
Edizione	[First edition.]
Descrizione fisica	1 online resource (286 pages) : color illustrations
Disciplina	777
Soggetti	Image processing - Digital techniques Digital video Imaging systems - Image quality Video compression Coding theory Image compression
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ghosting in HDR Video / A.O. Akyuz, O.T. Tursun, J. Hasic-Telalovic and K. Karauzovic-Hadziabdic -- Creating HDR Video Using Retargetting / F. Banterle and J. Unger -- HDR Multiview Image Sequence Generation: Toward 3D HDR Video / R.R. Orozco, C. Loscos, I. Martin and A. Artusi -- Calibrated Measurement of Imager Dynamic Range / B. Karr, K. Debattista and A. Chalmers -- HDR Video Metrics / M. Cadik and T.Ozan Aydn -- Practical Backwards Compatible High Dynamic Range Compression / K. Debattista, T. Bashford Rogers and A. Chalmers -- Real-Time HDR Video Processing and Compression Using an FPGA / P. Zemcik, P. Musil and M. Musil -- Live HDR Video Broadcast Production / I.G. Olaizola, A. Martin and J. Gorostegui -- HDR Video on Small Screen Devices / M. Melo, M. Bessa, K. Debattista and A. Chalmers -- Gaze-Dependent Tone Mapping for HDR Video / R. Mantiuk -- Improving Tracking Accuracy Using Illumination Neutralization and High Dynamic Range Imaging / N. Ladas, Y. Chrysanthou and C. Loscos -- Factors Influencing the Widespread

Sommario/riassunto

High Dynamic Range Video: Concepts, Technologies and Applications gives an introduction to a full range of topics within the end-to-end HDR video pipeline, covering the issues around capturing HDR and stereo HDR video, such as ghosting and use of legacy LDR systems, how HDR video can be manipulated, including real-time mixing, the very latest designs for HDR displays, HDR video on mobile devices, and the applications of HDR video. With this book, the reader will gain an overview of the current state-of-the art of HDR video, learn the potential of HDR video to provide a step change to a wide range of imaging applications, and attain the knowledge needed to introduce HDR video in their own applications. Written by experts who have been actively researching High Dynamic Range Video Covers a full range of topics within the end-to-end HDR video pipeline Provides applications that demonstrate how HDR video can be applied
