1. Record Nr. UNINA9910299845003321

Titolo	Visual Signal Quality Assessment [[electronic resource]] : Quality of Experience (QoE) / / edited by Chenwei Deng, Lin Ma, Weisi Lin, King Ngi Ngan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-10368-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (311 p.)
Disciplina	006.6 620 621.3815 621.382
Soggetti	Electronic circuits Signal processing Image processing Speech processing systems Computer graphics Circuits and Systems Signal, Image and Speech Processing Computer Graphics
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 at the end of each chapters.
Nota di contenuto	Introduction – State of the play and challenges of visual quality assessment -- How passive image viewers became active multimedia users: New trends and recent advances in subjective assessment of Quality of Experience -- Recent Advances in Objective Image Quality Assessment -- Quality assessment of mobile videos -- High Dynamic Range Visual Quality of Experience Measurement: Challenges and Perspectives.
Sommario/riassunto	This book provides comprehensive coverage of the latest trends/advances in subjective and objective quality evaluation for traditional visual signals, such as 2D images and video, as well as the

most recent challenges for the field of multimedia quality assessment and processing, such as mobile video and social media. Readers will learn how to ensure the highest storage/delivery/ transmission quality of visual content (including image, video, graphics, animation, etc.) from the server to the consumer, under resource constraints, such as computation, bandwidth, storage space, battery life, etc. Provides an overview of quality assessment for traditional visual signals; Covers newly emerged visual signals such as social media, 3D image/video, mobile video, high dynamic range (HDR) images, graphics/animation, etc., which demand better quality of experience (QoE); Helps readers to develop better quality metrics and processing methods for newly emerged visual signals; Enables testing, optimizing, benchmarking, monitoring, and inspecting systems and services related to visual QoE.