

1. Record Nr.	UNINA9911007133503321
Titolo	Digital television systems // edited by Stefan Mozar, Konstantin Glasman
Pubbl/distr/stampa	Stevenage, UK : , : Institution of Engineering & Technology, , 2023 ©2024
ISBN	1-83724-444-8 1-5231-6284-8 1-78561-251-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (433 pages) : illustrations, portraits, map
Collana	IET telecommunications series
Disciplina	621.38807
Soggetti	Digital television Digital television - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Contents -- Preface -- Acknowledgements -- About the Editors -- Glossary -- 1. Historical development of television   David E. Burger -- 2. Fundamentals of human vision   Mei Ying Boon -- 3. Colour vision   Yoko Mizokami -- 4. Digital TV system approach   Marcelo Knörich Zuffo, Roseli de Deus Lopes, and Laisa Caroline Costa de Biase -- 5. Digital television basics   Konstantin Glasman -- 6. Error correction for digital signals   Konstantin Glasman -- 7. Compression   Konstantin Glasman -- 8. Fundamentals of broadcast systems   Michael Isnardi -- 9. Digital video broadcasting primer   Edward Feng Pan -- 10. Advanced Television System Committee (ATSC)   Guy Bouchard -- Index
Sommario/riassunto	The book editors have gathered global experts to provide an overview of the developments in the field of digital television. Coverage includes fundamentals of human vision, colour vision, systems and standards, video signal fundamentals, error correction for digital signals, audio compression, and MPEG.