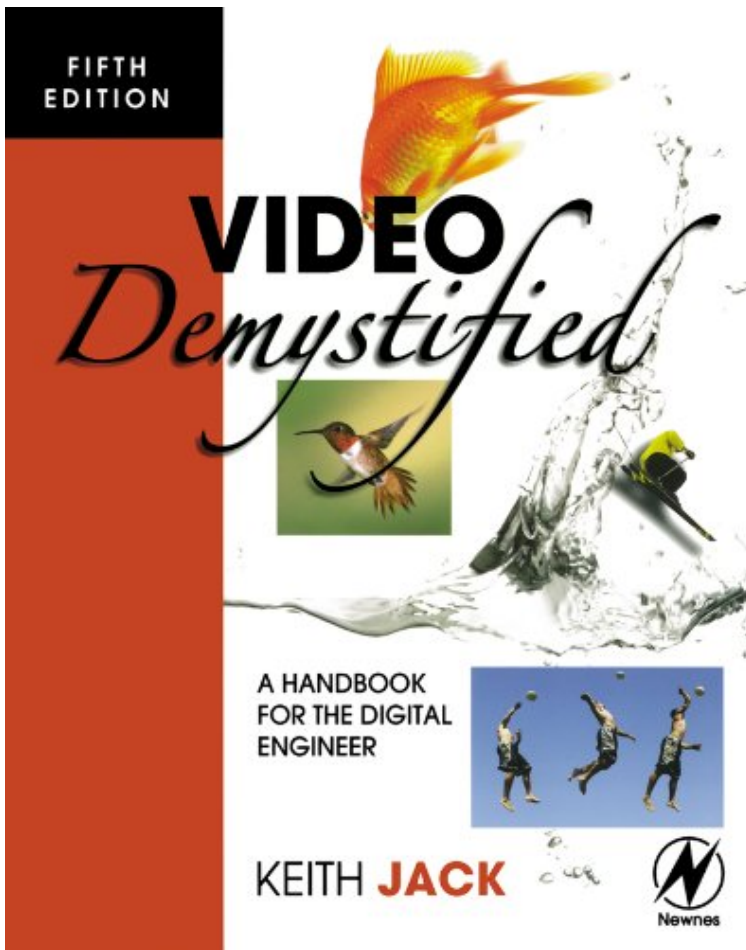


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Video Demystified: A Handbook for the Digital Engineer



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for the upcoming transition of television signals from analog to digitalPresentation de l'diteurWhat doesn't have a video component nowadays? iPod, cell phone, computer, they all have video. And, of course, television which is a major source of our entertainment and information. Any engineer involved in designing, manufacturing, or testing video electronics needs this book!Each edition of Video Demystified has sold thousands of copies and answered many questions for electrical engineers across the globe. This fifth edition will keep the engineer up-to-date with next-generation digital video formats - Blu-ray and HD-DVD, development of new audio and video codecs - Dolby Digital Plus, DTS-HD, etc. - along with the all the latest information on HDTV, HDMI and IPTV(TV over the Internet). All broadcast, cable, and satellite standards will be updated to reflect these new codecs and specifications. The book will also aid in the design of devices and infrastructures from analog to digital television transmission - with analog transmission ceasing in early 2009 or before.*The next generation of digital video - Blu-ray and HD-DVD thoroughly introduced*All broadcast and satellite standards completely updated*Essential information for the upcoming transition of television signals from analog to digitalBiographie de l'auteurKeith Jack is Director of Product Marketing at Sigma Designs. Sigma Designs develops and markets high-performance, highly-integrated System-on-a-Chip (SoC) semiconductors for IPTV Set-top Boxes, Blu-ray and HD DVD Players/Recorders, HDTVs, Digital Media Adapters, and Portable Media Players. Prior to joining Sigma Designs, Mr. Jack held various marketing and chip design positions at Harris Semiconductor, Brooktree, and Rockwell International. He has been involved in over 40 multimedia chips for the consumer market.