1. Record Nr. UNIORUON00468893

Autore	AR, Saifurramn
Titolo	The roots of Muslim calligraphy : in Arabia, Iran and Pakistan / by Saif-ur-Rahman Dar
Pubbl/distr/stampa	27 p., 16 p. di tav., : ill ; 24 cm
Edizione	[Peshawar : Dept. of Archaeology]
Descrizione fisica	Tit. della cop.: Islamic calligraphy; "Issued at the occasion of International Symposium on Islamic Art, Calligraphy, Architecture and Archaeology ... 1st to 6th March 1981 in connection with national Hijra celebrations."
Classificazione	ARA IX JA
Soggetti	CALLIGRAFIA ISLAMICA
Lingua di pubblicazione	Arabo Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9911031633003321

Autore	Lange Christoph
Titolo	Digital Transmission Engineering : Fundamentals and Techniques of Digital Baseband Transmission / / by Christoph Lange, Andreas Ahrens
Pubbl/distr/stampa	Wiesbaden : , : Springer Fachmedien Wiesbaden : , : Imprint : Springer, , 2025
ISBN	3-658-46789-4
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (484 pages)
Collana	Engineering Series
Altri autori (Persone)	AhrensAndreas
Disciplina	621.382
Soggetti	Telecommunication Electrical engineering Communications Engineering, Networks Electrical and Electronic Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Signal and System Theory Fundamentals -- Fundamentals of Baseband Transmission -- Transmission Channel Copper Cable -- Baseband Transmission over Linearly Distorting Channel -- Summary and Outlook.
Sommario/riassunto	This textbook introduces the transmission of digital signals over disturbed channels, emphasizing an intuitive and mathematically grounded explanation of baseband transmission. It recaps essential fundamentals of signal and system theory and explores functional interdependencies in baseband transmission to advance the understanding of baseband transmission concepts. The wired transmission using copper cable is highlighted as an important transmission technique. The copper cable’s transmission characteristics are described using classical electrical engineering and system theory methods. Baseband techniques are applied to the transmission over the linearly distorting channel copper cable, with discussions on filtering and equalization. The textbook includes detailed derivations, numerical examples, solved exercises and various illustrations. From the Content Signal and System Theory Fundamentals; Fundamentals of Digital Baseband Transmission; Description of Wired Transmission over Copper Cable Using Transmission Line Theory; Digital Baseband

Transmission via Linearly Distorting Channel; Appendices with Overviews of Signal and System Theory Authors Prof. Dr.-Ing. Christoph Lange is affiliated with the Hochschule für Technik und Wirtschaft (University of Applied Sciences) in Berlin, Germany, and works in the field of communications engineering and communication networks. Previously, after studying and obtaining his doctorate at the University of Rostock, Germany, he worked for many years in various technology innovation areas for a large telecommunications network operator in Berlin. Prof. Dr.-Ing. habil. Andreas Ahrens is affiliated with the Hochschule Wismar (University of Applied Sciences: Technology, Business and Design) in Wismar, Germany, and works in the field of communications engineering as well as signal and system theory. He completed his studies, doctorate, and habilitation at the University of Rostock, Germany. Afterwards he accomplished a research stay at the University of Southampton, United Kingdom, and worked as a University lecturer and researcher at the University of Rostock. The translation was done with the help of artificial intelligence. A subsequent human revision was done primarily in terms of content. This book is a translation of an original German edition. The translation was done with the help of artificial intelligence (machine translation by the service DeepL.com). A subsequent human revision was done primarily in terms of content, so that the book will read stylistically differently from a conventional translation.