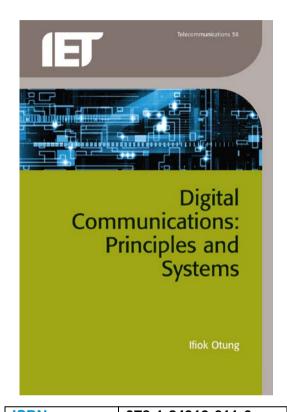


DIGITAL COMMUNICATIONS: PRINCIPLES AND SYSTEMS

IFIOK OTUNG

This book aims to provide post graduate students and practising engineers with a thorough understanding in the core principles and design issues of digital communications to meet the industry demand for indepth expertise in digital transmission techniques.

- Concentrates on giving a solid foundation of core principles and design issues of digital communications.
- Engineering concepts and underlying physical considerations are described as well as a clear appreciation of the parameters involved.
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- Topics covered include; linear channels and systems, nonlinear systems, quantisation and PCM, source coding and lossless data compression, line codes and transmitted digital signals.



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READERSHIP

An ideal textbook for postgraduate and advanced undergraduate students studying telecommunications subjects. This book will also provide practicing engineers with a thorough grounding in the core principles and design issues of digital communications.

AUTHOR INFORMATION

Ifiok Otung is a Chartered Engineer with broad and international experience of research and teaching at various universities in Europe and Africa.

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