



Mário Marques da Silva, "Multimedia Communications and Networking" CRC Press, 1st edition, ISBN: 9781439874844, FL, USA, March 2012 (<http://www.crcpress.com/product/isbn/9781439874844>);

Abstract: This book aims to present a detailed and comprehensive description of most important state-of-the-art fundamentals and system details in the fields of multimedia, networking, digital communications, and network security. It describes several subjects which are key aspects in the development and understanding of the current and emergent services.

The objective of this textbook is to concentrate in a single book the author's view about current and emergent multimedia, digital communications and networking services and technologies. Different bibliographic sources normally cover each one of these topics independently, without the required relationship. On one hand, the proposed book allows the reader to reduce the time and cost required to learn and improve skills and knowledge in the covered fields, with a relationship between the covered topics. Moreover, this book presents a compilation of the latest developments in the area, which is the outcome of several years of research and participation in many international projects.

This book covers most of the relevant subjects with examples and end of chapter questions, properly designed to be used in BSc or MSc in computer science or electrical engineering. The approach used in this textbook aims to facilitate the learning of the covered subjects by students of several disciplines such as multimedia, networking, telecommunications and network security. Moreover, this book may also be used by academic, institutional or industrial professionals, in order to support the planning, design and development of multimedia, telecommunications or networking systems.