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TRENDS IN TELECOMMUNICATIONS AND MULTIMEDIA SYSTEMS

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The monograph provides comprehensive information on modem trends in telecommunication and multimedia information transmission systems. The modem aspects of the development of individual elements of the complete data transmission path are presented. The monograph consists of 9 chapters, in which modem issues of light-to-signal conversion are considered in detail, taking into account external light sources, encoding and compression of multimedia information, as well as features of reproducihg devices. In addition, the main characteristics of the radio interface of the 5th generation of mobile communications, as well as its main technologies, are considered.

The results presented in this monograph can be useful for scientists, engineers interested in the current state of telecommunication systems for transmitting multimedia information, as well as for graduate students and students of higher educational institutions in the field of telecommunications and radio engineering.

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