

# Literatura

- [1] ITU-T G.691: Optical interfaces for single-channel SDH systems with Optical Amplifiers, and STM-64 systems. ITU-T, Geneva 2000
- [2] ITU-T G.692: Optical interfaces for multichannel systems with optical amplifiers. ITU-T, Geneva 1998
- [3] ITU-T G.703: Physical/electrical characteristics of hierarchical digital interfaces. ITU-T, Geneva 1998
- [4] ITU-T G.707: Network node interface for the Synchronous Digital Hierarchy (SDH). ITU-T, Geneva 2000
- [5] ITU-T G.708: Sub STM-0 network node interface for SDH. ITU-T, Geneva 1999
- [6] ITU-T G.709: OTN - Network node interface. ITU-T, Geneva 2000
- [7] ITU-T G.783: Characteristics of Synchronous Digital Hierarchy (SDH) equipment functional blocks. ITU-T, Geneva 2000
- [8] ITU-T G.803: Architectures of transport networks based on the Synchronous Digital Hierarchy (SDH). ITU-T, Geneva 2000
- [9] ITU-T G.805: Generic functional architecture of transport networks. ITU-T, Geneva 1995
- [10] ITU-T G.811: Timing requirements at the outputs of primary reference clocks suitable for pliesochronous operation of international digital links. ITU-T, Geneva 1988
- [11] ITU-T G.812: Timing requirements at the outputs of slave clocks suitable for pliesochronous operation of international digital links. ITU-T, Geneva 1988
- [12] ITU-T G.813: Timing characteristics of SDH equipment slave clocks (SEC). ITU-T, Geneva 1996
- [13] ITU-T G.823: The control of jitter and wander within digital networks which are based on the 2048 kbit/s hierarchy. ITU-T, Geneva 1993
- [14] ITU-T G.825: The control of jitter and wander within digital networks which are based on the synchronous digital hierarchy (SDH). ITU-T, Geneva 1998
- [15] ITU-T G.831: Management capabilities of transport networks based on Synchronous Digital Hierarchy (SDH). ITU-T, Geneva 2000
- [16] ITU-T G.841: Types and characteristics of SDH network protection architectures. ITU-T, Geneva 1998
- [17] ITU-T G.871: Framework for optical transport networks. ITU-T, Geneva 2000
- [18] ITU-T G.872: Architecture of optical transport networks. ITU-T, Geneva 1999

- [19] ITU-T G.957: Optical interfaces for equipments and systems relating to the synchronous digital hierarchy. ITU-T, Geneva 1999
- [20] ITU-T X.224: Information technology – Open Systems Interconnection – Protocol for providing the connection-mode transport service. ITU-T, Geneva 1999
- [21] ITU-T X.721: Information technology – Open Systems Interconnection – Structure of Management Information - Definition of Management Information. ITU-T, Geneva 1999
- [22] ITU-R F.750: Architectures and functional aspects of radio-relay systems for SDH based networks. ITU-R, Geneva
- [23] International Standard 8473: Information Systems Processing - Data Communications - Protocol for providing the connection-less mode network service. ISO, Geneva 1988
- [24] RFC 1052: IAB Recommendations for the Development of Internet Network Management Standards. NRI IETF 1988
- [25] RFC 1155: Structure and Identification of Management Information for TCP/IP-based Internets. NWG IETF 1990
- [26] RFC 1156: Management Information Base for Network Management of TCP/IP-based internets. NWG IETF 1990
- [27] RFC 1157: A Simple Network Management Protocol (SNMP). NWG IETF 1990
- [28] [www.cisco.com](http://www.cisco.com)
- [29] [www.cs.wustl.edu/~schmidt/corba-overview.html](http://www.cs.wustl.edu/~schmidt/corba-overview.html)
- [30] [www.cs.indiana.edu/hyplan/kksiazek/tuto.html](http://www.cs.indiana.edu/hyplan/kksiazek/tuto.html)
- [31] Ziegler, M.: Optické technologie v telekomunikacích – katalyzátor věku informací. Sborník konference FITCE CZ: Nové technologie a nové služby v telekomunikacích, s.15, ČVTSS, Praha 2000
- [32] Bartošek, P.: WDM v telekomunikační síti. Sborník konference FITCE CZ: Nové technologie a nové služby v telekomunikacích, s.25, ČVTSS, Praha 2000
- [33] Svelto, O.: Principles of lasers. 3.vydání, Plenum Press, New York 1989
- [34] Robinson, N.: What are the Future Network Applications for Optical Cross-Connects? IP/ ATM/ SDH & WDM conference proceedings, Vision in Business, London 1998
- [35] Nayar, B.: The Latest Developments in Optical Amplifiers for Terrestrial Use. IP/ ATM/ SDH & WDM conference proceedings, Vision in Business, London 1998
- [36] Doerr, C.R.; Stulz, L.W.; Gates, J.; Capuzzo, M.; Laskowski, E.; Gomez, L.; Puanescu, A.; White, A.; Narayanan, C.: Arrayed Waveguide Lens Wavelength Add/Drop in Silica. IEEE Photon. Tech. Letters, Vol.11, 1999, s. 557
- [37] Johnson, S.R.; Nichols, V.L.: Advanced Optical Networking – Lucent's MONET Network Elements. Bell Labs Technical Journal, Vol.4, 1999, č. 1, s. 145
- [38] Refi, J.J.: Optical Fibers for Optical Networking. Bell Labs Technical Journal, Vol.4, 1999, č. 1, s. 246
- [39] Giles, C.R.; Spector, M.: The Wavelength Add/Drop Multiplexer for Lightwave Communications Networks. Bell Labs Technical Journal, Vol.4, 1999, č. 1, s. 207

- [40] Sun, Y.; Srivastava, A.K.; Zhou, J.; Silhoff, J.W.: Optical Fiber Amplifiers for WDM Optical Networks. Bell Labs Technical Journal, Vol.4, 1999, č. 1, s. 187
- [41] Chen Y.; Fatehi M.T.; LaRoche H.J.; Larsen J.Z.; Nelson B.L.: Metro Optical Networking. Bell Labs Technical Journal, Vol.4, 1999, č. 1, s. 163
- [42] Čtyroký J.; Hüttel I.; Schröfel J.; Simankova L.: Integrovaná optika. SNTL, Praha 1986
- [43] Novotný, K.: Optická komunikační technika. Skriptum 1.vyd., ČVUT, Praha 1997
- [44] Burian, Z.: Optoelektronika. Skriptum 1.vyd., ČVUT, Praha 1991
- [45] Katalog ADC Telecommunications: Passive optical components - Collimators, polarizers, isolators, fixed attenuators, circulators, Minneapolis 1999
- [46] Smith, D.A.; Evans, S.D.: Lecture 4: Magneto-optic effect, Faraday Isolator, Acousto-optic effect. <http://www.mpi.leeds.ac.uk/teaching/Lpp/Lppintro.htm>
- [47] Lum, J.M.: Performance Assesment of Photonic Networks. IP/ ATM/ SDH & WDM conference proceedings, Vision in Business, London 1999
- [48] Boček, P.: Synchronizace pražské sítě GTS. Firemní materiál TTC MARCONI, Praha 2000
- [49] Škop, M. a kol.: Digitální telekomunikační technika. 3.vydání, TTC MARCONI, Praha 1996