

Contents

CHOCHELINSKI, R. – BAROŇÁK, I. PRIVATE TELECOMMUNICATION NETWORK BASED ON NGN	4
MEDVECKÝ, M. PERFORMANCE OF MAR BANDWIDTH CONSTRAINTS MODEL FOR MPLS TRAFFIC ENGINEERING	15
BAROŇÁK, I. – JÁNOŠ, P. NGN INFRASTRUCTURE IN THE REGION	19
CHMELA, L. – BURČÍK, J. ELIMINATION OF A MOON EFFECT IN FULL-SKY IMAGE PROCESSING	29
MARDIAK, M. – FILANOVÁ, J. QUALITY OF A VIDEO SIGNAL	33
RADWAN, A. COMMUNICATION PROTOCOLS FOR NETWORK MULTIPOINT CONFIGURATION	38
WIESER, V. – PŠENÁK, V. – MAJER, N. OPTIMUM POWER STEP IN MILTIBIT POWER CONTROL	42
MRAČKA, I. – ORAVEC, M. CLASSIFICATION OF TRAFFIC OF COMMUNICATION NETWORKS BY MULTILAYER PERCEPTRON	46
RADOSTA, J. VCAS FOR IPTV	50
AL-KHEIR, J. – SMÉKAL, Z. – VALOUCHOVÁ, Z. TELEINFORMATICS – A NEW FIELD OF SCIENCE REFLECTING THE CONVERGENCE OF TELECOMMUNICATIONS AND INFORMATICS	54
MIKULKA, J. – GESCHEIDTOVÁ, E. – BARTUŠEK, K. SEGMENTATION OF NMR SLICES	59
RELOVSKÝ, J. – KOMOSNÝ, D. – BURGET, R. – KRAJÍČEK, J. A LABORATORY SOLUTION FOR A NODE POSITION ESTIMATION IN INTERNET	63
LAMBERTOVÁ, P. – CVRK, L. – SÝKORA, M. – ZEMAN, V. SECURITY CONCEPT FOR H.323 VIDEOCONFERENCING	67
KREJČÍ, J. – ZEMAN, T. THE MEASUREMENT OF QUALITY VIDEO STREAM IN IPTV	71

KŘEPELKA, V. – FILKA, M. QUALITY OF SERVICE – IS IT CONFORM WITH RELIABILITY?	75
KYSELÁK, M. – FILKA, M. THE OPTICAL MODULATION FORMAT SIMULATION	79
JAVORNÍK, M. – DOSTÁL, O. – FILKA, M. – SLAVÍČEK, K. ICT AS A TOOL FOR CONTROLLING OF MARKET RELATIONSHIPS AND INCREASING OF ECONOMIC EFFECTIVENESS IN THE AREA OF PROCESSING OF MEDICAL IMAGE DATA	83
BALÍK, M. HDTV IN DVB-T MEDIUM	86