

INFORMATION AND COMMUNICATION TECHNOLOGIES

<i>Klymash M. M., Shpur O. M., Seliuchenko M. O., Kyrychuk B. V., Melnyk T. V.</i> The Method of Increase Efficiency to Use Network Resources in Information and Telecommunications Systems	137
<i>Semko V. V., Buryachok V. L., Toliupa S. V., Skladaniy P. N.</i> The Model of Information Protection Management in Telecommunication Systems	151
<i>Lozynska V. M.</i> Lineary MAX-Plus Models Applying in Traffic Management Tasks.....	156
<i>Beshley M. I., Seliuchenko M. O., Lavriv O. A., Masyuk A. R., Kholiavka H. V.</i> Estimating the Adequacy of Software Router Performance Under Multimedia Traffic Processing.....	162
<i>Tantsiura L. I.</i> Computer Network Reliability Analysis Based on Binary Decision Diagram.....	174
<i>Yeremenko O. S., Andrushko D. V.</i> Model of Routing in Telecommunication Network with Overlapping by Nodes Paths	181
<i>Strykhalyuk B. M., Klymash Yu. V., Strykhalyuk I. B., Koval B. V.</i> Increasing the Effectiveness of Dynamic Routing for Heterogeneous Service-Oriented Systems Using Hyperbolic Ricci Flows	189

MOBILE COMMUNICATION TECHNOLOGIES

<i>Kolyadenko Yu. Yu., Alali A. M.</i> Research of the Radio Channel Parameters of LTE Network	195
<i>Gorbatyy I. V.</i> Researches of Efficiency of Subchannels of Wireless Networks Based on LTE / LTE-Advanced Technologies in Case of Use of Different Kinds of Signal Modulation	204
<i>Garkusha S. V., Garkusha O. V.</i> Development of Mathematical Models of Management Bandwidth Downlink LTE Using Resource Allocation Type 1	211
<i>Huskov P. O., Maksymyuk T. A., Klymash M.M.</i> Method of Dynamic RAN Synthesis for 5G Networks.....	220
<i>Al-Zayadi H. H. A.</i> Ensuring QoE and Fairness of LTE Resource Allocation During Video Streaming	231

MICRO- AND NANO ELECTRONICS

<i>Nevinskyi D. V., Pavlysh V. A., Zakalyk L. I., Lebid S. Y.</i> Surface Plasmon-Polaritons Nanoscale Waveguides Obtained by Optical Photolithography	242
<i>Pavlovska O. B., Vasylechko L. O.</i> Crystal Structure of Solid Solutions $\text{LA}_{1-x}\text{R}_x\text{FeO}_3$ ($r=\text{PR}$, $n\text{D}$).....	250