

CONTENTS

| | | |
|--|-----|-----|
| <i>Oleksandr Kolgatin</i> | | |
| Computer-Based Simulation of Stochastic Process for Investigation of Efficiency of Statistical Hypothesis Testing in Pedagogical Research..... | 7 | |
| <i>Basil Kushnir</i> | | |
| Modeling in Maple as the Researching Means of Fundamental Concepts and Procedures in Linear Algebra..... | 15 | |
| <i>Liubov Kartashova, Natalia Bahmat</i> | | |
| Organization of Teacher’s Professional Activity in Conditions of Innovative Educational Environment | 31 | |
| <i>Tetiana Bondarenko, Georgii Kozhevnikov</i> | | |
| Using of Byod Model for Testing of Educational Achievements on the Basis of Google Search Services..... | 41 | |
| <i>Natalia Grytsai</i> | | |
| Using the Distance Technologies in Methodical Training of Future Teachers of Biology..... | 54 | |
| <i>Taras Kobylnyk, Ulyana Kogut</i> | | |
| Methodical Aspects for Use of the System Maxima in the Learning Processoperations Research..... | 67 | |
| <i>Larysa Nozdrina</i> | | |
| Methodical Approaches to the Creation MOOC (Experience LAC)..... | 81 | |
| <i>Oleksandra Popova</i> | | |
| Contents of the Experimental Professional Speech Training Targeted for the Future Translators of Chinese..... | 100 | |
| <i>Evgeniya Spivakovska</i> | | |
| Methodological Preconditions of Future Teacher Preparation for Virtual Multisubject Interaction in the Educational Process..... | 127 | |
| <i>Dmytro Antoniuk</i> | | |
| International Experience of the Economic Simulation Software Usage in Education..... | 139 | |
| <i>Nataliia Byshevets</i> | | |
| Training of Higher Educational Institution’s Students for Performing Engineering Designs..... | 153 | |
| <i>Tatiana Vdovychyn</i> | | |
| Use of Open Networking in Undergraduate Information: General Conclusions Information..... | 166 | |
| <i>Tatiana Vinnyk</i> | | |
| Study of Future Primary School Teachers’ Cultural Training Within the Information Culture of Society..... | 186 | |
| <i>Yevgueny Kondratyev</i> | | |
| Technical Optimization of Cross-Platform Software Development Process Quality and Usability of 3rd-Party Tools..... | 211 | |
| <i>Lyubov Manyuk</i> | | |
| Computerization in Higher Medical Education of the USA and Ukraine..... | 222 | |
| <i>Victor Sedov</i> | | |
| The Model of Formation of Professional Competence of Future Software Engineers..... | 233 | |
| <i>Vitaliy Shovkun</i> | | |
| The Role of Quasi-Professional Activities in Preparation of Future Teachers of Computer Science..... | 243 | |
| <i>Information About Authors</i> | | 254 |
| <i>Summary</i> | | 258 |