

Contents

<i>Elena H. Fedorenko, Vladyslav Ye. Velychko, Andrii V. Stopkin, Alona V. Chorna and Vladimir N. Soloviev</i>	
Informatization of education as a pledge of the existence and development of a modern higher education	5
<i>Olga P. Pinchuk, Oleksandra M. Sokolyuk, Oleksandr Yu. Burov and Mariya P. Shyshkina</i>	
Digital transformation of learning environment: aspect of cognitive activity of students	22
<i>Hryhorii V. Tereshchuk, Iryna I. Kuzma, Oleksandra I. Yankovych and Halina I. Falfushynska</i>	
The formation of a successful personality of a pupil in Ukrainian primary school during media education implementation	39
<i>Yuliya H. Nosenko, Maiia V. Popel and Mariya P. Shyshkina</i>	
The state of the art and perspectives of using adaptive cloud-based learning systems in higher education pedagogical institutions (the scope of Ukraine)	56
<i>Oleksandr H. Kolgatin, Larisa S. Kolgatina, Nadiia S. Ponomareva and Ekaterina O. Shmeltser</i>	
Systematicity of students' independent work in cloud learning environment	70
<i>Yevhenii B. Shapovalov, Viktor B. Shapovalov and Vladimir I. Zaselskiy</i>	
TODOS as digital science-support environment to provide STEM-education	89
<i>Alona M. Prykhodko, Oksana O. Rezvan, Nataliia P. Volkova and Stanislav T. Tolmachev</i>	
Use of Web 2.0 technology tool — educational blog — in the system of foreign language teaching	105

<i>Svitlana M. Amelina, Rostyslav O. Tarasenko and Albert A. Azaryan</i>	
Information and technology case as an indicator of information competence level of the translator	118
<i>Viktoriia O. Ustinova, Svitlana V. Shokaliuk, Iryna S. Mintii and Andrey V. Pilkin'yak</i>	
Modern techniques of organizing computer support for future teachers' independent work in German language	135
<i>Arnold E. Kiv, Oleksandr V. Merzlykin, Yevhenii O. Modlo, Pavlo P. Nechypurenko</i>	
The overview of software for computer simulations in profile physics learning.....	153
<i>Olga V. Bondarenko, Olena V. Pakhomova and Vladimir I. Zaselskiy</i>	
The use of cloud technologies when studying geography by higher school students	166
<i>Ihor V. Kholoshyn, Olga V. Bondarenko, Olena V. Hanchuk and Ekaterina O. Shmeltszer</i>	
Cloud ArcGIS Online as an innovative tool for developing geoinformation competence with future geography teachers.....	184
<i>Liudmyla H. Havrilova, Olena Ye. Ishutina, Valentyna V. Zamorotska and Darja A. Kassim</i>	
Distance learning courses in developing future music teachers' instrumental performance competence	197
<i>Nadiia V. Olefirenko, Ilona I. Kostikova, Nataliia O. Ponomarova, Liudmyla I. Bilousova and Andrey V. Pilkin'yak</i>	
E-learning resources for successful math teaching to pupils of primary school	215
<i>Maryna M. Volikova, Tetiana S. Armash, Yuliia V. Yechkalo and Vladimir I. Zaselskiy</i>	
Practical use of cloud services for organization of future specialists professional training	235