

CONTENTS

DIGITAL TECHNOLOGIES UNDER SOCIETY'S TRANSFORMATION

Chapter 1

AI-Driven Pseudo-Learning in Higher Education: Detection, Prevention and Development of Digital Resilience in Data-Driven Learning Environments (Rudenko Yu. O., Viunenko O. B., Dehtiarova N. V.)	2
1. Phenomenology of AI-driven Pseudo-Learning	3
2. International and Domestic Experience in Countering Pseudo-Learning: Strategies for Digital Adaptation and Resilience	7
3. Methodological Architecture for the Detection and Prevention of Pseudo-Learning	9

Chapter 2

Theoretical and Market Aspects of the Digital Transformation in Education (Shestak Ya. I., Zavorodnya E. O., Savon O. Ye.)	19
1. The Conceptual Foundations and Driving Forces of Digital Transformation in Education	20
2. Trends in the Global EdTech Market and the Digitalisation of Education	34

MODERNIZING THE PROFESSIONAL TRAINING OF FUTURE INFORMATICS TEACHERS

Chapter 3

Team Interaction as a Component of Modernizing the Professional Training of the Pre-service Computer Science Teacher (Yurchenko A. O., Semenikhina O. V.)	54
1. Analysis of Current Research	55
2. Methods	66
3. Results	68
4. Discussion	109

DEVELOPMENT OF DIGITAL COMPETENCIES AMONG PARTICIPANTS IN THE EDUCATIONAL PROCESS

Chapter 4

Peculiarities of Forming a Culture of Future Teachers in the Use of Digital Tools in the Educational Process

(Dehtiarova N. V., Onishchenko M. L.) 127

1. Theoretical Foundations of Forming a Culture of Using Digital Tools 128

2. Features of Forming a Culture of Using Digital Tools Among Future Teachers 141

Chapter 5

Formation of the Information and Digital Competence of the Modern Teacher (Petrenko S. I.)

1. Structure and Content of the Information and Digital Competence of the Modern Teacher 154

2. Criteria, Indicators, and Levels of Formation of the Information and Digital Competence of Future Teachers 171