## **CONTENT**

## ARCHITECTURE, CONSTRUCTION

Haran A., Sokol A.	Innovations of Modern Architecture in Balance with Nature	3
Kreich M.	Influence of the Thickness of the Protective Layer on the Adhesion Stress of Reinforcement with High-strength Concrete	7
Lozytska A.	Investigation of Concrete Strength Using Schmidt Sclerometer	10
Lustiuk M.	Architectural Principles of Formation of Public Spaces in the Context of Creation of United Territorial Communities on the Example of the Village of Shubkiv, Rivne Region	14
Mitin V.	Modern Technologies of Design and Construction: General Design	18
Oliferuk S.	Some Interpretation of the Equations of the Method of Initial Parameters to Determine the Deformation of Beams of Variable Stiffness	21
Tarasiuk D.	Analysis of the First Full-scale Studies of Self-healing Bioconcrete	25
	WATER BIORESOURCES	
Matviychuk I.	Current State of Fisheries in Ukraine	28
Symonchuk K.	Implementation of the HACCP System at Fishery Enterprises	31
	SECTORAL MECHANICAL ENGINEERING	
Vashai P.	Factors of Self-excitation of Self-oscillations of Intrachamber Loading of a Drum Mill	34
Novak Y.	Types of World Transport Systems	38
	GEODESY AND LAND MANAGEMENT	
Sheremet N.	Comparison of Object Areas in Coordinate Systems SK-63 and USK-2000	41
	EXTRACTION OF MINERALS	
Kotsiuk M.	Research of the Process of Storage and Processing of Technogenic Placers of Phosphogypsum	46
	HUMANITIES	
Haran A., Sokol A.	Impact of Professional Activity on the Inner World of Human	49
Lomova A.	Psychological Features of Adolescent Socialization in the Information Society	53
Melnychuk O.	Structural and Functional Analysis of Nonverbal Samiotic Systems	57
Stukalo O.	Extension of the Concept of «Verification» with Methodological Analysis of Empirical Positions and Critic of Individual Mathematical Dogmas	61

## СТУДЕНТСЬКИЙ ВІСНИК НАЦІОНАЛЬНОГО УНІВЕРСИТЕТУ ВОДНОГО ГОСПОДАРСТВА ТА ПРИРОДОКОРИСТУВАННЯ

Shevchuk O.	Impressionism as a Phenomenon of Art: Cultural and Psychological Aspect	64
	ECOLOGY, PLANT GROWING	
Levchuk M.	Innovative Technologies for Harvesting Fruit Crops in Intensive Gardening	67
Petruk A.	Plant Biodiversity in Manevychi Settlement of Volyn Region	71
Yakhniuk A.	Modern Approaches to the Assessment of Anthropogenic Impacts on Surface Waters	75
	ECONOMICS, MANAGEMENT	
Boiko D.	Features of Development of Processes of Virtualization of the World Financial Market	79
Malyshevska A.	Impact of Transnational Corporations on Host and Home Countries	83
Parkhomchuk V.	Current Trends in the Charity Development	87
Semeshchuk Y.	Current Issues of Remuneration in Budgetary Institutions	91
	COMPUTER-INTEGRATED TECHNOLOGIES	
Huda V.	Computer Simulation of Heat Exchange Processes with the Use of Developed Surfaces by the tridiagonal matrix algorithm	94
Danchenkov V.	Algorithm and Program for Implementing 3D Games with Actions for a Certain Time	97
Kagramanyan K.	Use of Google Forms to Control the Knowledge Level of Higher Education Applicants in Distance Learning Conditions	101
	SCIENCE OF LAW	
Bahatko A.	Concept of «Communication» and its Importance in the Activities of a Private Detective	104
Holovchenko O.	Prospects for Legal Regulation of Private Detective Work in Ukraine	107
Shnaider A.	Problems of Land Reform Implementation and Land Market Formation in Ukraine	110
	TOURISM	
Vitruk N.	Tourist Potential of Intangible Cultural Heritage of Rivne Region	114
	CHEMISTRY	
Hnes O.,	Influence of Nature of Fillers on Microhardness of Polymeric	117
Zubyk T. Danyliuk M.	Composites Based on Epoxy Resins Comprehensive Technology of Lithium-containing Water Systems	121
Poliukhovych B.	Regeneration Disinfection of Drinking Water by Chlorination	125
Tyshkovets A.	Comprehensive Treatment of Landfill Drainage Water	129
Shuhailo V.	Processing of Sulfuric Acid Digestion Solution with Subsequent Neutralization and Regeneration	132