

Table of Contents

CHAPTER «ARCHITECTURE»

Vitalyi Nesterenko

THE USE OF BIOMORPHIC FORMS IN MODERN ARCHITECTURE:
INTEGRATING NATURAL STRUCTURES
TO INCREASE ENERGY EFFICIENCY
AND SUSTAINABILITY OF THE URBAN ENVIRONMENT. 1

Olga Smirnova, Sergey Bushmanov

TECHNIQUES FOR ARCHITECTURAL
AND DESIGN FORMATION
OF ECO-ORIENTED HOTEL COMPLEXES. 32

CHAPTER «BIOLOGICAL SCIENCES»

Nataliia Hnatiuk

ECOLOGICAL FUNCTIONS OF PLANT EXUDATES
IN THE STRUCTURAL ORGANIZATION
OF AGROPHYTOCENOSES. 58

CHAPTER «AGRICULTURAL SCIENCES»

Maryna Burhaz

INNOVATIVE APPROACHES TO SUSTAINABLE DEVELOPMENT
OF FISHERIES IN UKRAINE:
TECHNOLOGY, ECOLOGY, AND MARKETING. 92

CHAPTER «ENGINEERING SCIENCES»

Artemii Bernatskyi

EFFECTS OF HIGH-POWER LASER RADIATION
ON FIBERGLASS COMPOSITE. 109

Vasyl Gorbachuk, Maksym Dunaievskyi

ORGANIZATION OF ELECTRONIC TRADING IN ELECTRICITY. 131

Natalia Dabizha, Natalia Dmytrenko, Olena Husarova

HEAT AND MASS TRANSFER IN DRYING OF MELON
(CUCUMIS MELO L.) 159

Iryna Lazko

DIGITAL TRANSFORMATION
OF QUALITY MANAGEMENT: THEORETICAL ASPECTS 186

Valeriy Leonov

ENERGY PROBLEMS OF THE WORLD COMMUNITY:
PRESENT, FUTURE 203

Yurii Moroz

EVOLUTION OF COMPUTER CHESS. 231

Serhii Fesenko

APPRECIATE INDUSTRIAL MODEL TWO-POWER GYRO
OF THE DUSU CLASS IN FIELD SUPERSOUND RAY. 255

CHAPTER «PHISICAL AND MATHEMATICAL SCIENCES»

Larysa Vakal, Yevhen Vakal

APPLYING CONTINUOUS GENETIC ALGORITHM
AND DIFFERENTIAL EVOLUTION
TO BOUNDARY VALUE PROBLEMS
FOR ELLIPTIC EQUATIONS. 291

CHAPTER «CHEMICAL SCIENCES»

Serhii Yushkevych, Serhii Korichev

ISOTHERMAL SECTION OF THE TERNARY PHASE DIAGRAM
OF THE HFO₂-LA₂O₃-ND₂O₃ SYSTEM AT 1100 °C. 314

CHAPTER «MEDICAL SCIENCES»

Yuri Bandazheuski, Nataliia Dubovaya

PARTICIPATION OF HOMOCYSTEINE IN THE REGULATION
OF CALCIUM-PHOSPHORUS METABOLISM
AND CARDIOVASCULAR FUNCTION IN CHILDREN LIVING
IN AREAS AFFECTED BY THE CHERNOBYL NUCLEAR POWER
PLANT ACCIDENT. 331

CHAPTER «PHYSICAL EDUCATION AND SPORT»

Valerii Nikolaïenko, Mykhailo Vorobiov

PSYCHOLOGICAL COMPONENT OF TACTICAL TRAINING IN YOUNG FOOTBALL PLAYERS.	357
--	-----

CHAPTER «HISTORICAL SCIENCES»

Larysa Yampolska

GREAT BRITAIN'S «EUROPEAN GAME»: BETWEEN GLOBALISM, REGIONALISM AND NATIONAL SOVEREIGNTY (1970S – 1990S).	386
---	-----

CHAPTER «POLITICAL SCIENCES»

Lesia Dorosh, Yurii Tushkyn, Iuliia Zakaulova

INTERNATIONAL ACTORNESS OF THE EUROPEAN UNION: THEORETICAL AND METHODOLOGICAL CONSIDERATION.	428
---	-----

Vitalii Turenko, Oleg Batrymenko

MECHANISMS OF INTERACTION BETWEEN GOVERNMENT, BUSINESS AND CIVIL SOCIETY IN THE CONTEXT OF UKRAINE'S EUROPEAN INTEGRATION AND COUNTERACTION TO ACADEMIC MIGRATION.	449
---	-----

CHAPTER «STATE ADMINISTRATION»

Vita Bondar

IMPLEMENTATION OF EU INITIATIVES IN THE CONTEXT OF STATE POLICY ON THE DE-OCCUPATION, REINTEGRATION AND RECOVERY OF TERRITORIES.	471
--	-----

Serhii Kononenko

FACTORS OF FORMATION AND FUNCTIONING OF EFFECTIVE MODELS OF UNIVERSITY DEVELOPMENT BASED ON THE PRINCIPLES OF SUSTAINABILITY.	498
---	-----

Oleksandr Panasiuk

THE WASTE MANAGEMENT SYSTEM IN UKRAINE AMID POST-WAR RECOVERY: CONCEPTUAL FOUNDATIONS AND STRATEGIC DEVELOPMENT DIRECTIONS.	516
---	-----

CHAPTER «SOCIAL COMMUNICATIONS»

Neonila Artamonova, Yuliana Pavlichenko

ACADEMIC INTEGRITY IN MEDICAL RESEARCH. 547

Kateryna Stetsiuk

CHINESE COSMETIC BRANDS ABROAD: COMMUNICATION
STRATEGIES IN THE INTERNATIONAL BEAUTY MARKET. 567

CHAPTER «PHILOSOPHICAL SCIENCES»

Fedir Vlasenko, Yevheniia Levcheniuk, Alina Proskurnia

KEY DETERMINANTS OF FORCED MIGRATION
OF THE UKRAINIAN INTELLECTUAL ELITE
AND THE CONDITIONS FOR THEIR RE-MIGRATION. 594

Nataliia Yarmolitska, Mykhailo Tassenko

TRAUMATIC EXPERIENCE OF UKRAINIAN CULTURE
IN WARTIME: MILITARY REALITIES
AND THE LEGACY OF NATIONAL MEMORY. 620

CHAPTER «HISTORY OF ART»

Alla Diachenko

DETERMINANTS OF THE FORMATION OF NATIONAL MOTIFS
AND ORNAMENTS IN MODERN ARTISTIC PRACTICES
OF INDUSTRIAL ART (1900–1930). 647

Ihor Kostenko

TYPOGRAPHY AS A MEANS OF SHAPING
MEDIA COMMUNICATION DISCOURSE. 674