

Table of Contents

Engineering Sciences

REDUCING THE ENERGY CONSUMPTION THROUGH FRIENDLY SUN BUILDINGS IN JIU VALLEY REGION A. Şoica, R.B. Itu, I.B. Marc	5
DETERMINING THE STANDARD FUEL CONSUMPTION OF ROAD VEHICLES BY USING METHOD OF ACTIVE TYPE EXPERIMENT G. Neamţu, I. Țincu	10
SINTERED MATERIALS TESTING IN LAW TEMPERATURE C. Ionici, N. Mihuţ, A. Tătar	23
THE ECOLOGICAL CAR THE FOUNDATION OF THE SUSTAINABLE DEVELOPMENT OF THE MODERN ROAD TRANSPORT SYSTEM G. Neamţu	28
SHEAR TEST OF CORRUGATED BOARD F.I. Boaca, S. Cananau, A. Calin, D. Prisecaru, M. Stoica	41
COMPARATIVE STUDY ON THE FUEL CONSUMPTION OF ROAD VEHICLES EQUIPPED WITH THERMAL ENGINES G. Neamţu	47

Social Sciences

INDUSTRY 4.0 AND FRAME ACCOUNTING: A MODERN UPRISING? B.E. Gore, A.R. Neagu (Ion)	61
APPLYING PRINCIPAL COMPONENT ANALYSIS IN ORDER TO ASSESS POTENTIAL GROSS DOMESTIC PRODUCT IN CENTRAL AND EASTERN EUROPE REGION F.D. Andreescu	71
CRADLE TO CRADLE CIRCULAR ECONOMY MODEL AS THE BUSINESS STRATEGY EXPECTED TO LINK THE FINANCIAL PERFORMANCE TO THE ENVIRONMENTAL AND SOCIAL POSITIVE IMPACT A.M. Papa (Vasile)	79
THE CYBERPSYCHOLOGY OF BIOMETRIC INFORMATION ECOSYSTEMS. SUSTAINABILITY OR DIGITAL TOTALITARIANISM? M. G Vigariu, C.A.Marin	83
IMPROVING INTELLECTUAL PROPERTY DATA SECURITY AT THE ORGANIZATIONAL LEVEL AS A RESULT OF STREAMLINING QUALITY MANAGEMENT R. Moiescu, A.M. Țiţu	88
CREATIVE APPROACHES IN SUSTAINABLE FASHION DESIGN C.G. Hîrţescu	98

MORTALITY LAWS USAGE IN FORECASTING LIFE EXPECTANCY – A MACROECONOMIC CONCERN	
F.D. Andreescu	105
DISTORTIONS IN CONTEMPORARY ART (PAINTING)	
S. Moldovan, I. Palamar	111
THE ASSIMILATION OF THE ROMA PEOPLE DURING THE COMMUNIST REGIME	
A. Ghimiși.....	117
IMPACT OF BIOMETRIC SYSTEMS ON OPERATIONAL COSTS: A CASE OF HARARE INSTITUTE OF TECHNOLOGY, HARARE	
S. Zongoro, B. Zongoro	122
ASPECTS REGARDING THE PHARMACOLOGICAL AND TOXICOLOGICAL EFFECTS OF BENZODIAZEPINES	
D. Cîrțină, C. Șerban	134
THE DEVELOPMENT OF TEACHING ENTREPRENEURSHIP THROUGH PRACTICE	
S. Ghimisi	140