

## Table of Contents

Marcin GÓRSKI, Radosław SZCZERBA: Influence of Sudden Column Loss on the Dynamic Response of a Multistorey Steel Frame.....	5
Oleksandr RIABENKO, Volodymyr CHERNYUK, Oksana KLYUHA, Oksana HALYCH, Dmytro POPLAVSKIY: Using of Near-Critical Flows' Theory in Practical Calculations.....	21
Jozef ŠVAJLENKA, Mária KOZLOVSKÁ: Procurements of Modern Methods of Construction Based on Wood.....	31
Anita ORCHOWSKA: Technical and Architectural Problems in Revitalisation of Prefabricated Residential Complexes.....	39
Stepan SHAPOVAL, Vasyl ZHELYKH, Peter KAPALO, Iryna VENHRYN, Oleksandra DACKO: System of Heat Supply <i>ad hoc</i> with Solar Wall.....	49
Silvia VILČEKOVÁ, Eva KRÍDLOVÁ BURDOVÁ, Andrea MOŇOKOVÁ: Sustainability Assessment of Designed Family House Alternatives with Application of Green Technologies.....	57
Wanda KOKOSZKA: Risk Analysis with an Application to Local Road Infrastructure.....	69
Piotr KOZIOŁ, Kamil PAWŁOWSKI: Analysis of the Influence of Slip in Bolted Joints on Global Structural Deformations.....	81
Anna SIKORA: Crisis Phenomena in "City-District".....	93
Roman VODIČKA, Katarína KRAJNÍKOVÁ, Lucia BARANOVÁ: Application of an Interface Damage Model to Steel Reinforced Concrete: A Study of the Size Effect.....	103
Wioleta ISKRA-KOZAK, Janusz KONKOL: Concrete Nanomodification with Selected Nanoparticles.....	113

Marek GOSZTYŁA, Rafał LICHOLAŁAI: Analysis of the Results of the Design Process Performed on the Historic Architectural Structure Based on the Example of the Extension of Historical Didactic Complex in Rzeszów.....	121
Gabriel MARKOVIČ, Zuzana VRANAYOVÁ: The Possibilities for Implementing Rainwater Management Measures in Tuke Campus.....	129