

CONTENTS

Mihail Aurel ȚÎȚU A word from our Editor-in-Chief	3
Raul Stelian BALOTA, Marius LOLEA INTERIOR ROOMS VENTILATION SYSTEM SIMULATION	7
Marius BĂBAN, Călin Florin BĂBAN, Traian BUIDOȘ, Iulian STĂNĂȚEL A REVERSE ENGINEERING APPROACH FOR THE PRODUCTS DEVELOPMENT	12
Mihaela BOTIȘ PROCESSING OF CHROME ALLOYED STEELS BY COMPLEX EROSION IN A SOLUTION OF SODIUM SILICATE, KAOLINE AND SODIUM NITRATES	18
Călin DENEȘ AN OVERVIEW OF WIRE ELECTRODE VIBRATIONS ON WEDM	23
Ion Vasile Emilian A BETTER MODELING OF LANDFILL GAS PRODUCTION FOR BETTER USAGE AS ENERGY SOURCE	28
Simina MARIȘ, Lavinia CERNESCU, Gabriela Victoria MNERIE, Luisa DUNGAN MANAGERIAL CONSIDERATIONS ON NONCONVENTIONAL TECHNOLOGIES TO CAPITALIZATION OF THE ENERGY RESOURCES	35
Dumitru MNERIE, Ștefan DUNĂ, Sorin BÎRSAN, Mihai CONDESCU NONCONVENTIONAL ASPECTS OF THE ROLLER WELDING TECHNOLOGY FOR THIN SHEET STEEL	41
Alin POP, Ioan RADU, Florin BLAGA FINITE ELEMENT ANALYSIS STUDY ON DEEP DRAWING SPEED PUNCH	46
Štefánia SALOKYOVÁ ANALYSIS OF FACTOR‘ EFFECTS IN RELATION TO VIBRATIONS ON THE TECHNOLOGICAL HEAD DURING CONSTRUCTION STEELS SPLITTING BY HYDRO ABRASIVE SPLITTING	51