

Contents

<i>Dragoljub Mirjanić, Siniša Maksimović, Darko Divnić, Tomislav Pavlović, Lana Pantić, Dragana Milosavljević</i> INVESTIGATION OF ENERGY EFFICIENCY OF THE POLYCRYSTALLINE SILICON SOLAR MODULES IN RELATION TO THEIR GEOGRAPHICAL ORIENTATION AND TILT ANGLE	87–94
<i>Svilen Rachev, Hristo Hristov, Georgi Iliev</i> STUDY OF THE ENERGY POTENTIAL OF RENEWABLE ENERGY SOURCES IN THE REGION OF GABROVO FOR USE IN HYBRID WIND-PHOTOVOLTAIC STAND-ALONE SYSTEM	95–103
<i>Nikola Cekić, Dragana Milosavljević, Tomislav Pavlović, Dragoljub Mirjanić</i> APPLICATION OF SOLAR CELLS IN CONTEMPORARY ARCHITECTURE	104–114
<i>Dimitrina Koeva, Ralena Kutkarska, Kristiyan Valchev, Svilen Rachev</i> ANALYSYS OF THE PERFORMANCE OF SMALL WIND TURBINES DARRIEUS AND OPTIONS FOR THEIR INTEGRATION IN BUILDINGS	115–122
<i>Plamen Tsankov</i> STUDY OF THE TEMPERATURE COEFFICIENTS OF AMORPHOUS AND POLYCRYSTALLINE SILICON PHOTOVOLTAIC MODULES UNDER REAL OPERATING CONDITIONS	123–129
<i>Isak Karabegović, Vlatko Doleček</i> DEVELOPMENT AND IMPLEMENTATION OF RENEWABLE ENERGY SOURCES IN THE WORLD AND EUROPEAN UNION	130–148
<i>Jelena Božić</i> NANO INSULATION MATERIALS FOR ENERGY EFFICIENT BUILDINGS	149–159
<i>Milica Perić, Igor Hut, Svetlana Pelemiš, Lidija Matija</i> POSSIBLE APPROACHES TO LCA METHODOLOGY FOR NANOMATERIALS IN SUSTAINABLE ENERGY PRODUCTION	160–169
<i>Dragana Milosavljević, Tomislav Pavlović, Dragoljub Mirjanić, Danica Piršl</i> CURRENT STATE OF THE RENEWABLE SOURCES OF ENERGY USE IN SERBIA	170–180
<i>Momir Đurović</i> ENERGY EFFICIENCY, RENEWABLES AND ECONOMY	181–189
<i>Vojislav V. Mitić, Hans-Jörg Fecht, Ljubiša M. Kocić</i> MATERIALS SCIENCE AND ENERGY FRACTAL NATURE NEW FRONTIERS	190–203
<i>Aleksandra Dedinec, Igor Tomovski, Ljupčo Kocarev</i> OPTIMIZATION MODEL FOR VARIABLE RENEWABLE ENERGY SOURCES GENERATION: MACEDONIAN CASE STUDY	204–212
<i>Borislav Simendić, Verica Milanko, Vesna Marinković, Nevena Vukić, Vesna Teofilović</i> THE RISKS IN THE USE OF BIOGAS AND BIOMASS IN PLANTS FOR GENERATING HEAT AND ELECTRICITY	213–217
<i>Duško Dudić, Adriaan S.Luyt</i> MONOLAYER POLYMER PHOTOCELLS THE OPPORTUNITIES	218–223
<i>Vladan Mičić, Pero Dugić, Zoran Petrović, Milorad Tomić</i> BIOFUELS AS PROMISING FUELS	224–233
<i>Neđo Đurić, Dijana Đurić</i> IMPORTANCE OF GEOTHERMAL ENERGY IN THE AREA OF SEMBERIJA IN REPUBLIC OF SRPSKA	234–242
<i>Instruction for authors of papers</i>	243–244