

Contents

M. Topič

CONTEMPORARY INORGANIC THIN FILM PHOTOVOLTAIC MATERIALS
AND TECHNOLOGIES 94–102

D. Lj. Mirjanić, M. Zlatanović

WIND ENERGY USE AND WIND ENERGY POTENTIAL OF THE REPUBLIC OF SRPSKA 103–122

T. M. Pavlović, D. D. Milosavljević, D. Mirjanić, I. S. Radonjić, L. S. Pantić, D. Piršl

ANALYSES OF PV SYSTEMS OF 1 kW ELECTRICITY GENERATION IN BOSNIA
AND HERZEGOVINA 123–138

E. Zlomušica

STATUS, PERSPECTIVES AND SPECIFIC FEATURES OF WIND ENERGY IN 2011 139–144

D. Lj. Mirjanić, J. P. Šetrajčić, S. S. Pelemiš, S. Armaković

INCREASE OF MOBILITY OF IONS IN LI-ION BATTERIES BY ULTRATHIN
PHONON COATINGS OF ELECTRODES 145–154

T. Pavlović, D. Milosavljević, I. Radonjić, L. Pantić, A. Radivojević

APPLICATION OF SOLAR CELLS OF DIFFERENT MATERIALS IN PV SOLAR
PLANTS OF 1 MW IN BANJA LUKA 155–163

Z. Petrušić, U. Jovanović, I. Jovanović, D. Mančić

REALIZATION AND CALIBRATION OF THE WIRELESS UV RADIATION
MEASUREMENT SYSTEM 164–170

M. Petkov, D. Markova, St. Platikanov

MODELING OF ELECTRICAL CHARACTERISTICS OF PHOTOVOLTAIC
POWER SUPPLY SOURCES 171–177

D. Markova, S. Platikanov, M. Konstantinoff, P. Pstankov

OPPORTUNITIES FOR USING RENEWABLE ENERGY SOURCES IN BULGARIA 178–184

S. Platikanov, P. Tsankov

STUDYING THE CHARACTERISTICS OF DISCHARGE LAMPS FOR OPERATION
IN NAVIGATION LIGHTHOUSES SUPPLIED BY PHOTOVOLTAIC SYSTEMS 185–190

P. Tsankov

SOFTWARE FOR MONITORING A GRID CONNECTED PHOTOVOLTAIC
POWER PLANT 191–203

T. Pavlović, D. Milosavljević, M. Lambić, V. Stefanović, D. Mančić, D. Piršl

SOLAR ENERGY IN SERBIA 204–119

Bibliography of Articles 220–221

Instruction for authors of papers 222–223