

CONTENTS

Piotr Boguś, Katarzyna Lewandowska, Janusz Jakitowicz <i>SHORT-TIME METHODS IN EEG SIGNALS ANALYSIS</i>	7
Janusz Brudecki, Ryszard Żarów <i>MODELLING HUMAN GROWTH FROM BIRTH TO MATURITY</i>	13
Renata Bujakiewicz-Korońska, Jan Koroński <i>DISSIPATIVE STRUCTURES AND BIOLOGY</i>	19
Renata Bujakiewicz-Korońska, Jan Koroński <i>SYNERGETIC EFFICIENCY AND BIOLOGY</i>	27
Urszula Foryś <i>ANALYSIS OF THE MODEL OF CORAL REEFS COLONY</i>	33
Agnieszka Janiak-Osajca, Zdzisław Pogoda <i>KNOT THEORY AND MOLECULAR BIOLOGY</i>	39
Magdalena Kosińska, Anita Szwed <i>APPLYING THE FACTOR ANALYSIS IN HUMAN BIOLOGY</i>	45
Edward Oczeretko <i>WALSH-HADAMARD TRANSFORM IN BIOMEDICAL SIGNAL ANALYSIS</i> .	53
Aleksander Owczarek, Michał Momot, Ewelina Sobierska <i>BACTERIAL GROWTH MODELLING BASED ON FUZZY c-REGRESSION MODELS</i>	59
Helena Stanuch, Grzegorz Lis <i>THE USE OF THE ROC CURVE TO EVALUATE THE VALIDITY OF THE BRONCHIAL RESPONSIVENESS TEST IN ASTHMA IN CHILDREN</i>	65
Cezary Stępień <i>ON TWO CASES OF SELF-CONGRUENCY OF NATURAL FORMS</i>	71
Przemysław Sypka <i>ANALYSIS OF DAILY PERIODIC TEMPERATURE VARIATION OF COVERING LAYER OF SOIL BELOW ISTEBA SPRUCE STAND</i>	79
Przemysław Sypka <i>DIVERSITY OF INSOLATION ON THE SURFACE OF THE EARTH IN MOUNTAIN TERRAIN</i>	87
Joanna Szymanowska-Pulka <i>THE ROOT APEX FORMATION-COMPUTER MODELLING</i>	95
Petar Zhivkov, Jacek Waniewski <i>BIFURCATION ANALYSIS OF A SIMPLE MODEL FOR TUMOUR-IMMUNE SYSTEM INTERACTION</i>	101
Mariusz Ziółko, Przemysław Sypka <i>SPEECH SIGNALS TRANSMULTIPLEXING</i>	107
<i>INDEX OF AUTHORS</i>	113