

# CONTENTS

## Technical Sciences

---

### REMOVAL OF SIDE ILLUMINATION IN THE IMAGE PLANE IN TWO-MIRROR PANCRATYIC SYSTEM FOR COLLIMATOR

Zhivko Zhekov ..... 5

### A COMPARISON OF SEVERAL STOCHASTIC TECHNIQUES FOR COMPUTATION OF MULTIDIMENSIONAL INTEGRALS

Venelin Todorov, Valerij Dzhurov, Ilian Tzvetkov ..... 11

### ADVANCED STOCHASTIC METHODS FOR MULTIDIMENSIONAL INTEGRALS AND APPLICATIONS

Venelin Todorov, Valerij Dzhurov, Yuri Dimitrov, Ilian Tzvetkov ..... 19

### PRINCIPLES OF GNSS

Sabin Ivanov ..... 27

### MODELLING OF GEOGRAPHICAL REALITY

Sabin Ivanov ..... 33

### SPATIAL DATA MODELS

Sabin Ivanov ..... 40

### NEW APPLICATION OF LOGISTICS PROCESSING

Andrey Bogdanov ..... 47

### INTEGRATION OF ARTIFICIAL INTELLIGENCE IN THE SUPPLY CHAIN MANAGEMENT

Svetlozar Stoyanov ..... 53

### METHODOLOGY FOR APPLICATION OF THE SYSTEM APPROACH IN DESIGN AND CONSTRUCTION OF A LOGISTICS CENTER

Svetla Peeva ..... 59

### QUALITY AND ITS PARAMETERS – A BASIC CRITERIUM FOR THE MOVEMENT OF THE MATERIAL FLOW IN THE LOGISTICS PROCESS

Vasko Ognyanov ..... 66

### ANALYTICAL STUDY OF THE DELAY INTRODUCED AS A RESULT OF ENCRYPTION/DECRYPTION OF VOICE TRANSMITTED OVER A VPN NETWORK

Daniel Denev ..... 73