

CONTENT

NANOSCIENCE AND NANOTECHNOLOGY		
Yu Shunin, D Fink, A Kiv, L Alfonta, A Mansharipova, R Muhamediyev, Yu Zhukovskii, T Lobanova-Shunina, N Burlutskaya, V Gopeyenko, S Bellucci	Theory and modelling of real-time physical and bio- nanosensor systems	7
INFORMATION AND COMPUTER TECHNOLOGIES		
Y Chinibayev, T Temirbolatova	Development of the augmented reality applications based on ontologies	18
G Khensous, B Messabih, A Chouarfia, B Maigret	Comparison of Cuckoo Search, Tabu Search and TS-Simplex algorithms for unconstrained global optimization	23
D Singh, J P Saini, D S Chauhan	Handwritten offline Hindi character recognition using advanced feature extraction techniques	30
MATHEMATICAL AND COMPUTER MODELLING		
J K Jamalov, D B Nurseitov, K A Bostanbekov	Modelling of non-point source pollution transport for the Charyn River Basin	37
O Kochetkova, A Kaznacheeva, A Kochetkov	Performance evaluation of computer-aided knit design using software package based on ontological knowledge model	44
E Dragomeretskaya	Effect of texture on mechanical and magnetic properties of steel from the petroleum distillation column	48
Authors' Index		52
Cumulative Index		53

