CONTENT

INFORMATION AND COMPUTER TECHNOLOGIES		
V Ochkov, E Nikulchev, S Gurke	Displaying formulas as embedded calculations in scientific literature, textbooks and educational web apps	**7**
F A Satybaldiyeva, D Beyer, A S Sarybaev	Development of methods for determining the tracking software systems accuracy, application of a wireless communication device and self-contained power supply in heliostat units with centralized monitoring and control system	**13**
K Wakil, D N A Jawawi	Combining web engineering methods to cover lifecycle	**20**
D Kornev, E Nikulchev	Model reservation resource of computer complexes system	**28**
A Malygin, N Seilova, K Boskebeev, Zh Alimseitova	Application of artificial neural networks for handwritten biometric images recognition	**31**

MATHEMATICAL AND COMPUTER MODELLING		
A Zaurbek, N A Seilova, D Z Dzhuruntaev	Synthesis and simulation of digital pseudo-random impulse sequence generator based on PLIC FPGA Xilinx using CAD Vivado 2016.2 and development of acoustic noise generator scheme for the protection of information	**39**
Ke Su, Dan Yang	A modified non-monotone method with 3-1 piecewise NCP function for nonlinear complementary problem	**47**
E Loginova	Improving the reliability of the managed of electric drives with a synchronous generator	**52**
L Demidova, I Klyueva	Development of the SVM classifier by means of the hybrid versions of the particle swarm optimization algorithm based on the grid search	**56**
Aanjey Mani Tripathi, Sarvpal Singh	A literature review on algorithms for the load balancing in cloud computing environments and their future trends	**64**

Authors' Index		**74**
Cumulative Index		**75**

Copyright © LTDEA, 2017

Copyright © LTDEA, 2017