

Table of Contents

Computer Modeling

1. Engineering of the fiber optic Bragg grating sensor of electrical parameters and software application for automatic simulation of its parameters G.I. Leonovitch, V.N. Zakharov, A.I. Gorshkov.....	1-4
DOI: 10.18287/1613-0073-2017-1966-1-4	
2. Optimization of chemical reactions by economic criteria based on kinetics of the process K.F. Koledina, S.N. Koledin, I.M. Gubaydullin.....	5-9
DOI: 10.18287/1613-0073-2017-1966-5-9	
3. Ab initio modeling of optical properties of the new sp ³ silicon and germanium allotropes V.A. Saleev, A.V. Shipilova.....	10-15
DOI: 10.18287/1613-0073-2017-1966-10-15	
4. Mathematical modeling of separation of watered oil-containing mixture V.A. Zelenskiy, A.A. Sushin, A.I. Shchodro.....	16-19
DOI: 10.18287/1613-0073-2017-1966-16-19	
5. Isopropylbenzene oxidation reaction computer simulation M.K. Vovdenko, I.M. Gubaidulin, K.F. Koledina, S.N. Koledin.....	20-23
DOI: 10.18287/1613-0073-2017-1966-20-23	
6. Optical digital system for DOE computation S.K. Misievich, R.V. Skidanov.....	24-29
DOI: 10.18287/1613-0073-2017-1966-24-29	
7. Modeling of geometrical stability of the diffraction lens mount for a promising project of the outer space observation satellite G.P. Anshakov, V.V. Salmin, K.V. Peresykin, A.S. Chetverikov, I.S. Tkachenko.....	30-34
DOI: 10.18287/1613-0073-2017-1966-30-34	
8. Development of method for selecting motion control laws of space optical system on based diffractive membranes during transfer into geostationary orbit G.P. Anshakov, V.V. Salmin, A.S. Chetverikov, K.V. Peresykin, I.S. Tkachenko.....	35-42
DOI: 10.18287/1613-0073-2017-1966-35-42	