YAROSLAVL PEDAGOGICAL BULLETIN

OCHOBAR 2/908 TOTT

Natural sciences № 3–2010

THE CONTENT

MATHEMATICS	
<i>Tikhomirov S.A.</i> On Dimensions of Families of Rank-2 Stable Vector Bundles on P^3 with Chern Classes	5
$c_1 = 0$ and $c_2 = n \ge 7$ Having a Spectrum $(-1,0^{n-2},1)$	
Nurgaliev I.S. Nonlinear Asymmetrical Kinetics of Demography	8
Martynova S.E. Notion of Distance and Problems Connected with It on Optimization	13
in a School Course of Stereometry	10
Melnikov Ju.B., Potorochina K.S. The Algebraic Approach to Mathematical Modeling and Training the Mathematical and "Premathematical" Activity	19
Malykh A.E. Out of History of the Binomial Theorem	25
Bezruchko A.S. Learning Stability of Differential Equations Solutions	32
as a Means of Increasing Students' Mathematical Culture	
Fedotova N.P. About the Distance to Polyhedrons of Some Class in Symmetric Norms	37
Yanovskaya N.B. The Graphic Decision of Equations and Inequalities with a Parameter	43
BIOLOGY	
Ovchinnikova O.A. Estimation of Gender Particularities of the Microvascular Control by Laser Doppler Flowmetry	51
Usilov A. A., Gushchin A. G. Analysis of the Functional Condition of Young Football Players	<i>56</i>
Solomonov A. G. Learning Curve in the Process of Forming a Psychomotor Skill of Hand Writing of the First-Formers	<i>60</i>
Mikhailov P. V., Muravyov A. A., Maslennikova Ju. L., Kruglova E. V. Microcirculation and Rheological	66
Properties of the Blood of Persons with a Different Level of Aerobic Working Capacity Maymistova A.A., Koshelev V.B., Bulaeva A.A., Muravyov A.V. The Change of Erythrocytes Deformability and	71
Aggregation under Activation of Intracellular Signaling Transduction Pathways	/1
Skorkina M.Ju., Fedorova M.Z., Sladkova E.A., Derkachiov R.V., Zabinyakov N.A. Effect of Iron Nanoparticles	75
on the Blood Oxygen Capacity	0.0
Pesnya D.S., Romanovsky A.V., Prokhorova I.M. Working out Technique for Estimating the Influence of UHF-Radiation of Cell Telephones and Other Devices with EMR RF on Organisms in vivo	80
Golovin N.L., Gushchin A.G. The Psychophysiological Status of Young Men and Girls with a Different	85
Vegetative Tonus	00
GEOGRAPHY	
Barmin A.N., Kolchin E.A. Physical -Geographical Analysis of Dangerous Hydrological Phenomena Display	89
in the Territory of the Astrakhan Region	0)
Kondakova T.Ju., Paskhina M.V., Kolbovsky E.Ju. Social Geography and Countryside Ecology in the Mirror of the Territorial Planning	94
Kolbovsky E.Ju., Morozova V.V. Recreational Geography and Territorial Aspects of Formating a Tourist Product	100
in Russia	
CHRONICLE AND INFORMATION	
Malykh A.E., Danilova V.I. About E.G.Gonin's Combinative School	106
<i>Emeliyanov A.S.</i> The Scientific Feat of the Scientist. To Professor A.N. Ivanov's Anniversary (1910-2010)	115
INFORMATION ABOUT THE AUTORS	118