

Niko Muskhelishvili Institute of Computational Mathematics
Scientific Report

2017B

1. Scientific-Research Works Planned and Implemented in 2017 Funded by the State Budget of Georgia

I.

№	Planned and Implemented work with the indication of scientific field and direction	Work Supervisor	Work Performers
1	2	3	4
1	Direction 1. Computational methods in mathematical physics and engineering mechanics / mathematics; Computational mathematics.	J. Sanikidze	M. Zaqradsze, M. Mirianashvili, D. Kurdghelaidze, Z. Sanikidze, Ed. Abramidze, K. Kupatadze, A. Chaduneli, N. Koblishvili, N. Peikrishvili, El. Abramidze.
2	Direction 2. Processing of mathematical models and strongly optimized algorithms of social-economic tasks/mathematics; mathematical modeling	D. Ugulava	J. Giorgobiani, M. Nachkebia, T. Chantladze, Z. Kipshidze, D. Zarnadze, M. Nikoleishvili, T. Khurodze, G. Baghaturia, M. Menteshashvili, L. Khachapuridze, N. Metonidze
3	Direction 3. Stochastic analysis in algebraic structures. Applications in functional analysis, statistics and discretionary optimization / mathematics; Probability theory and mathematical statistics, functional analysis, discrete optimization.	V. Tarieladze	S. Chobaniani, A. Lashkhi, B. Mamporia, V. Kvaratskhelia, G. Giorgobiani, V. Berikashvili, P. Kobakhidze
4	Direction 4. Construction, processing and verification of	H. Meladze	M. Pkhovlishvili, G. Silagadze, Z. Kipshidze, G. Tsertsvadze, G.

parallel calculation algorithms for linear and quasi-linear differential equations and equation systems; Computational Mathematics, Mathematical Modeling, Informatics.		Ghlonti, I. Chogovadze, M. Papiashvili
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