

## Scientific Monographs Published during 2008-2017

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2. **T. Buchukuri, O. Chkadua** and D. Natroshvili, mathematical problems of generalized thermo-electro-magneto-elasticity theory. *Mem. Differential Equations Math. Phys.* **68** (2016), 1-166.
3. **T. Datuashvili**, Categorical, homological, and homotopical properties of algebraic objects, *J. Math. Sci. (N.Y.)* **225** (2017), no. 3, 383-533.
4. **ო. ძგნძე**, ფურიეს ანალიზი, თსუ-ს გამომცემლობა, 2015, 274 გვ. (სახელმძღვანელო).
5. **L. Ephremidze**, *Real Analysis Methods in Ergodic Theory*, Nova Science Publishers, New-York, USA, 2012.
6. **V. Gogokhia** and G.G. Barnafoldi, *The Mass Gap and its Applications*, World Scientific, 2012.
7. **N. Inasaridze**, Some aspects of homotopic algebra and non-Abelian (co)homology theories. Translated from *Sovrem. Mat. Prilozh.* No. 93 (2014). *J. Math. Sci. (N.Y.)* **213** (2016), no. 1, 1-129.
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10. **A. Kharazishvili**, *Strange Functions in Real Analysis*. third edition, Chapman and Hall/CRC, New York, 2017.
11. **S. Kharibegashvili**, Boundary value problems for some classes of nonlinear wave equations. *Mem. Differential Equations Math. Phys.* **46** (2009), 1-114.
12. **V. Kokilashvili, A. Meskhi** and L. E. Persson, Weighted Norm Inequalities for Integral Transforms with Product Kernels, *Nova Science Publishers, New York*, 2009, 475 pp.\
13. **V. Kokilashvili, A. Meskhi**, H. Rafeiro and S. Samko, Integral operators in non-standard function spaces: Variable exponent Lebesgue and amalgam spaces, Volume 1. *Birkäuser/ Springer, Heidelberg*, 2016, 576 pages.
14. **V. Kokilashvili, A. Meskhi**, H. Rafeiro and S. Samko, Integral operators in non-standard function spaces: Variable exponent Hölder, Morrey-Campanato and grand spaces, Volume 2. *Birkäuser/ Springer, Heidelberg*, 2016, 428 pages.

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