

გიორგი ჭელიძე ზოგიერთი სამეცნიერო პუბლიკაცია (selected publications)

1. G.Z. Chelidze, P. L. Papini. "Some remarks on the intersection of embedded sets". Mathematical Notes. Volume 80, Numbers 3-4 / September, 2006. pp 428-434. **(IF იმფაქტ-ფაქტორი)**
2. G.Z.Chelidze, "A counterexample in a theorem on the intersection of embedded closed sets", Bull. Georgian. Acad. Sci., 1997, V156, issue2, 207-209.
3. G.Z. Chelidze, "Intersection of a sequence of embedded closed sets in a Banach space", Math. Notes, V 63, issue12, 272-275. (1998) **(IF იმფაქტ-ფაქტორი)**
4. G.Z.Chelidze," On critical values of numerical parameters characterizing intersections of embedded sets", Math. Notes, V62, issue2, 263-269. (2000) **(IF იმფაქტ-ფაქტორი)**
5. G.Z. Chelidze,"On a Characterisation of Inner Product Spaces", Georgian Mathematical Journal, V8, issue2, 231-236. (2001) **(IF იმფაქტ-ფაქტორი)**

6. G.Z.Chelidze, "Inner product spaces and minimal values of functionals", Journal of Math. Analysis and Applications, V298, issue1, 106-113. (2004) **(IF იმფაქტ-ფაქტორი)**

7. G.Z. Chelidze, A. Shangua "A counterexample related to permutational Cesaro summability". Bull. Georgian. Acad. Sci., 2006. 179, No 2, 335-327.
8. G.Z. Chelidze. "The modulus of convexity and inner product in linear normed spaces". Bull.Georgian Acad. Sci., 2008, 2,No 1, 38-40.
9. G.Z. Chelidze. "On Nordlander's conjecture in the three dimensional case". Arkiv fur Matematik Volume 47, Number 2, 267-272. (2009) **(IF იმფაქტ-ფაქტორი)**

10. G.Z. Chelidze, T. Kopaliani. "Gagliardo-Nirenberg type nequality for variable exponent Lebesgue spaces". Journal of mathematical analysis and applications (el. address: <http://dx.doi.org/10.1016/j.jmaa.2009.03.012>) . (2009) **(IF იმფაქტ-ფაქტორი)**

11. Vakhania N.N. and Chelidze G. Z. " Quaternion Gaussian Random Variables", Theory Probab. Appl. Volume 54, Issue 2, pp. 363-369 (2010) **(IF იმფაქტ-ფაქტორი)**

12. George Chelidze and Nicholas Vakhania. On a problem concerning quaternion valued Gaussian random variables. Georgian mathematical journal.17, 4(2010), 629-634 **(IF იმფაქტ-ფაქტორი)**

13. George Chelidze, Sergei Chobanyan, George Giorgobiani, Vakhtang Kvaratskhelia. Greedy Algorithm Fails in Compact Vector Summation. Bull. Georg. Natl. Acad. Ssci., 4, 2(2010), 5-7
14. G. Z.Chelidze, "The Range of Critical Numbers for Banach Spaces", Bulletin of TICMI, V18, issue1, 85-88.
15. George Chelidze, Nicholas Vakhania. On a quaternion valued Gaussian random variables. Studia Universitatis Babes-Bolyai, Mathematica, Vol 56 (2011), Number 2
16. George Chelidze, Nicholas Vakhania. Skitovich-Darmois theorem for complex and quaternion cases, Proceedings of A. Razmadze Mathematical Institute Vol. 160 (2012), 165-169
17. George Chelidze. The Range of Critical Numbers for Banach Spaces. Bulletin of TICMI. Vol. 18, No. 1, 2014, 1-4
18. G Chelidze, B Mamporia. Weakly Independent Random Elements, Gaussian Case. Proceedings of A. Razmadze Mathematical Institute. Vol. 168 , 2015, 15-23
19. G. Chelidze, G. Giorgobiani, V. Tarieladze. Sum Range of a Quaternion Series. Journal of Mathematical Sciences, Volume 216, 2016, 519-521
20. G. Chelidze, A. Danelia, M. Suladze. On the Chebyshev Center and the Nonemptiness of the Intersection of Nested Sets . Mathematical Notes, volume 111, 2022, Issue 3-4, pages 478-483.