

LIST OF PUBLICATIONS

Niyaz Tokmagambetov

PUBLICATIONS

- [51] E. Karimov, M. Ruzhansky, N. Tokmagambetov. Cauchy type problems for fractional differential equations. [Integral Transforms Spec. Funct.](#) Vol. 33, no. 1 (2022), pp. 47–64.
- [50] A. Altybay, M. Ruzhansky, M.E. Sebih, N. Tokmagambetov. Fractional Schrödinger equation with singular potentials of higher order. [Rep. Math. Phys.](#) Vol. 87, no. 1 (2021), pp. 129–144.
- [49] A. Altybay, M. Ruzhansky, M.E. Sebih, N. Tokmagambetov. The heat equation with strongly singular potentials. [Appl. Math. Comput.](#) Vol. 399 (2021), Paper No. 126006, 15 pp.
- [48] A. Altybay, M. Ruzhansky, M.E. Sebih, N. Tokmagambetov. Fractional Klein-Gordon equation with singular mass. [Chaos Solitons Fractals](#). Vol. 143 (2021), Paper No. 110579, 6 pp.
- [47] A. Kassymov, M. Ruzhansky, N. Tokmagambetov, B. T. Torebek. Sobolev, Hardy, Gagliardo-Nirenberg, and Caffarelli-Kohn-Nirenberg-type inequalities for some fractional derivatives. [Banach J. Math. Anal.](#) Vol. 15, no. 1 (2021), Paper No. 6, 24 pp.
- [46] A. Altybay, M. Ruzhansky, N. Tokmagambetov. A parallel hybrid implementation of the 2D acoustic wave equation. [Int. J. Nonlinear Sci. Numer. Simul.](#) Vol. 21, no. 7-8 (2020), pp. 821–827.
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- [42] M. Ruzhansky, N. Tokmagambetov, B. T. Torebek. Bitsadze-Samarskii type problem for the integro-differential diffusion-wave equation on the Heisenberg group. [Integral Transforms Spec. Funct.](#) Vol. 31, no. 1 (2020), pp. 1–9.
- [41] M. Ruzhansky, N. Tokmagambetov, B.T. Torebek. Inverse source problems for positive operators. I: Hypoelliptic diffusion and subdiffusion equations. [J. Inverse Ill-Posed Probl.](#) Vol. 27, no. 6 (2019), pp. 891–911.

- [40] B. Bekbolat, A. Kassymov, N. Tokmagambetov. Blow-up of solutions of nonlinear heat equation with hypoelliptic operators on graded Lie groups. [Complex Analysis and Operator Theory](#). Vol. 13, no. 7 (2019), pp. 3347–3357.
- [39] A. Altybay, M. Ruzhansky, N. Tokmagambetov. Wave equation with distributional propagation speed and mass term: numerical simulations. [Applied Mathematics E-Notes](#). Vol. 19 (2019), pp. 552–562.
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