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List of Publications

1. **Nikki Kedia**, Anatoly Alikhanov, Vineet Kumar Singh, Stable Numerical Schemes For Time-Fractional Diffusion Equation With Generalized Memory Kernel. *Applied Numerical Mathematics*, 172 (2022) 546–565.
<https://doi.org/10.1016/j.apnum.2021.11.006>
2. **Nikki Kedia**, Anatoly Alikhanov, Vineet Kumar Singh, Robust Finite Difference Scheme for Non-linear Generalized Time-Fractional Diffusion Equation with Non-smooth Solution. *Mathematics and Computers in Simulation*, 219 (2024) 337-354. <https://doi.org/10.1016/j.matcom.2023.12.034>
3. **Nikki Kedia**, Anatoly Alikhanov, Vineet Kumar Singh, Higher Order Computational Approach for Generalized Time-Fractional Diffusion Equation. **Accepted** in *Communications on Applied Mathematics and Computation*.
4. Nikki Kedia, Anatoly Alikhanov, Vineet Kumar Singh, Numerical Methods for Solving the Robin Boundary Value Problem for a Generalized Diffusion

Equation with a Non-smooth Solution. Mathematics and its Applications in New Computer Systems. MANCS 2021, Lecture Notes in Networks and Systems, vol 424. Springer, Cham. <https://doi.org/10.1007/978-3-030-97020-8-20>.