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List of Publications

(Published/Communicated)

1. **Rashmi Sharma**, Rajeev, "A numerical approach based on Vieta-Fibonacci polynomials to solve fractional order advection-reaction diffusion problem", **The Journal of Analysis**, Accepted in 2024.
2. **Rashmi Sharma**, Rajeev, "A numerical approach to solve 2D fractional RADE of variable-order with Vieta-Lucas polynomials", **Chinese Journal of Physics**, 86, 433–446, 2023.
3. **Rashmi Sharma**, Rajeev, "An operational matrix approach to solve a 2D variable-order reaction advection diffusion equation with Vieta-Fibonacci polynomials", **Special Topics & Reviews in Porous Media: An International Journal**, 14, 5, 2023.
4. **Rashmi Sharma**, Rajeev, "A numerical study for nonlinear time-space fractional reaction-diffusion model of fourth-order", **Accepted, Journal of Computational and Nonlinear Dynamics**, 2024.
5. **Rashmi Sharma**, Rajeev, "A numerical study for nonlinear time-space fractional reaction-diffusion model of fourth-order", **Accepted, Rocky Mountain Journal of Mathematics**, 2024.
6. **Rashmi Sharma**, Rajeev, "Numerical study of the dynamics of travelling waves through fourth-order nonlinear time-space fractional sub-diffusion equations of variable-order", **Communicated**.