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Publications

PUBLICATIONS

- Approximate solutions of the advection diffusion equation for spatially variable flows *PHYSICS OF FLUIDS*
  Sun, Y., Jayaraman, A. S., Chirikjian, G. S.
  2022; 34 (3)

- Lie group solutions of advection-diffusion equations *PHYSICS OF FLUIDS*
  Sun, Y., Jayaraman, A., Chirikjian, G. S.
  2021; 33 (4)

- Black-Scholes Theory and Diffusion Processes on the Cotangent Bundle of the Affine Group *ENTROPY*
  Jayaraman, A. S., Campolo, D., Chirikjian, G. S.
  2020; 22 (4)

- The unusual fluid dynamics of particle electrophoresis *JOURNAL OF COLLOID AND INTERFACE SCIENCE*
  Jayaraman, A. S., Klaseboer, E., Chan, D. C.
  2019; 553: 845–63