

Publications of Patrick E. Farrell

Articles in review

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- [57] J. Xia, **P. E. Farrell**, and F. Wechsung (2020). *Augmented Lagrangian preconditioners for the Oseen–Frank model of cholesteric liquid crystals*. [arXiv:2004.07329](#)
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- [50] **P. E. Farrell** and P. A. Gazca-Orozco (2020). “An augmented Lagrangian preconditioner for implicitly-constituted non-Newtonian incompressible flow”. In: *SIAM Journal on Scientific Computing* 42.6, B1329–B1349. DOI: [10.1137/20M1336618](#)

- [49] J. G. Williams, A. A. Castrejon-Pita, B. W. Turney, **P. E. Farrell**, S. J. Tavener, D. E. Moulton, and S. L. Waters (2020). “Cavity flow characteristics and applications to kidney stone removal”. In: *Journal of Fluid Mechanics* 902, A16. DOI: [10.1017/jfm.2020.583](https://doi.org/10.1017/jfm.2020.583)
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