PUBLICATION LIST

Fan Ye

[15] **Instanton 2-torsion and fibered knots** *Joint with Deeparaj Bhat and Zhenkun Li, submitted, arXiv: 2512.24206.*

[14] **Singular instanton homology of dual knots** *submitted, arXiv:2511.19883.*

[13] **Instanton dimensions of knot surgeries over arbitrary fields** *Joint with Zhenkun Li, submitted, arXiv:2511.17877.*

[12] **Instanton 2-torsion and Dehn surgeries** *Joint with Zhenkun Li, submitted, arXiv:2508.03394.*

[11] **2-torsion in instanton Floer homology** *Joint with Zhenkun Li,*
Adv. Math. 472:Paper No. 110289, 55, 2025. DOI:10.1016/j.aim.2025.110289, arXiv:2405.16252.

[10] **Knot surgery formulae for instanton Floer homology II: applications**
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[9] **Guts of nearly fibered knots** *Joint with Zhenkun Li,*
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[8] **Knot surgery formulae for instanton Floer homology I: the main theorem**
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[7] **Small Dehn surgery and SU(2)** *Joint with John A. Baldwin, Zhenkun Li, and Steven Sivek,*
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[3] **Sutured instanton homology and Heegaard diagrams**
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[1] **Constrained knots in lens spaces**
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[0] **Ph.D. Thesis, New techniques in calculation of sutured instanton Floer homology:**
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