

# Stanford

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Ph.D. Student in Physics, admitted Autumn 2019

### Publications

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#### PUBLICATIONS

- **Perturbative Stability and Error-Correction Thresholds of Quantum Codes** *PRX QUANTUM*  
Li, Y., O'Dea, N., Khemani, V.  
2025; 6 (1)
- **Prethermal Stability of Eigenstates under High Frequency Floquet Driving.** *Physical review letters*  
O'Dea, N., Burnell, F., Chandran, A., Khemani, V.  
2024; 132 (10): 100401
- **Entanglement and absorbing-state transitions in interactive quantum dynamics** *PHYSICAL REVIEW B*  
O'Dea, N., Morningstar, A., Gopalakrishnan, S., Khemani, V.  
2024; 109 (2)
- **Hydrodynamics in long-range interacting systems with center-of-mass conservation** *PHYSICAL REVIEW B*  
Morningstar, A., O'Dea, N., Richter, J.  
2023; 108 (2)
- **Multimagnon quantum many-body scars from tensor operators** *PHYSICAL REVIEW RESEARCH*  
Tang, L., O'Dea, N., Chandran, A.  
2022; 4 (4)
- **From tunnels to towers: Quantum scars from Lie algebras and q-deformed Lie algebras** *PHYSICAL REVIEW RESEARCH*  
O'Dea, N., Burnell, F., Chandran, A., Khemani, V.  
2020; 2 (4)