

Stanford

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Publications

PUBLICATIONS

- **One-dimensional Holstein model revisited** *PHYSICAL REVIEW B*
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- **Fractional Hall conductivity and spin-c structure in solvable lattice Hamiltonians** *JOURNAL OF HIGH ENERGY PHYSICS*
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- **Correlated Hofstadter spectrum and flavour phase diagram in magic-angle twisted bilayer graphene** *NATURE PHYSICS*
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2022
- **Solvable lattice Hamiltonians with fractional Hall conductivity** *PHYSICAL REVIEW B*
Han, Z., Chen, J.
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- **Pair density wave and reentrant superconducting tendencies originating from valley polarization** *PHYSICAL REVIEW B*
Han, Z., Kivelson, S. A.
2022; 105 (10)
- **Pair-density-wave in the strong coupling limit of the Holstein-Hubbard model** *NPJ QUANTUM MATERIALS*
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- **Strong Coupling Limit of the Holstein-Hubbard Model.** *Physical review letters*
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- **Charge density waves in a quantum plasma** *PHYSICAL REVIEW B*
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- **Unsupervised Generative Modeling Using Matrix Product States** *PHYSICAL REVIEW X*
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