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Ph.D. Student in Physics, admitted Autumn 2018

Publications

PUBLICATIONS

- **Correlated Hofstadter spectrum and flavour phase diagram in magic-angle twisted bilayer graphene** *NATURE PHYSICS*
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- **Solvable lattice Hamiltonians with fractional Hall conductivity** *PHYSICAL REVIEW B*
Han, Z., Chen, J.
2022; 105 (15)
- **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*
Huang, K. S., Han, Z., Kivelson, S. A., Yao, H.
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- **Strong Coupling Limit of the Holstein-Hubbard Model.** *Physical review letters*
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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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