

Steven Tran

Ph.D. Student in Physics, admitted Autumn 2019

Publications

PUBLICATIONS

- **Deterministic fabrication of graphene hexagonal boron nitride moire superlattices.** *Proceedings of the National Academy of Sciences of the United States of America*
Kamat, R. V., Sharpe, A. L., Pendharkar, M., Hu, J., Tran, S. J., Zaborski, G. J., Hocking, M., Finney, J., Watanabe, K., Taniguchi, T., Kastner, M. A., Mannix, A. J., Heinz, et al
2024; 121 (40): e2410993121
- **Quantitative determination of twist angle and strain in Van der Waals moiré superlattices** *APPLIED PHYSICS LETTERS*
Tran, S. J., Uslu, J., Pendharkar, M., Finney, J., Sharpe, A. L., Hocking, M., Bittner, N. J., Watanabe, K., Taniguchi, T., Kastner, M. A., Mannix, A. J., Goldhaber-Gordon, D.
2024; 125 (11)
- **Thermal relaxation of strain and twist in ferroelectric hexagonal boron nitride moiré interfaces** *JOURNAL OF APPLIED PHYSICS*
Hocking, M., Henzinger, C. E., Tran, S. J., Pendharkar, M., Bittner, N. J., Watanabe, K., Taniguchi, T., Goldhaber-Gordon, D., Mannix, A. J.
2024; 136 (2)
- **Torsional force microscopy of van der Waals moirés and atomic lattices.** *Proceedings of the National Academy of Sciences of the United States of America*
Pendharkar, M., Tran, S. J., Zaborski, G., Finney, J., Sharpe, A. L., Kamat, R. V., Kalantre, S. S., Hocking, M., Bittner, N. J., Watanabe, K., Taniguchi, T., Pittenger, B., Newcomb, et al
2024; 121 (10): e2314083121
- **Nanoscale Electronic Transparency of Wafer-Scale Hexagonal Boron Nitride.** *Nano letters*
Zerger, C. Z., Rodenbach, L. K., Chen, Y., Safvati, B., Brubaker, M. Z., Tran, S., Chen, T., Li, M., Li, L., Goldhaber-Gordon, D., Manoharan, H. C.
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