Stanford



Albert Lin

Ph.D. Student in Aeronautics and Astronautics, admitted Winter 2025

Bio

LINKS

- LinkedIn: https://www.linkedin.com/in/albertkuilin

Publications

PUBLICATIONS

- **One Filter to Deploy Them All: Robust Safety for Quadrupedal Navigation in Unknown Environments** *IEEE TRANSACTIONS ON ROBOTICS*
  Lin, A., Peng, S., Bansal, S.
  2026; 42: 545-560

- **Robust Verification of Controllers under State Uncertainty via Hamilton-Jacobi Reachability Analysis**
  Lin, A., Pinto, A., Bansal, S.
  edited by Lindemann, L., Tu, S., Wierman, A., Atanasov, N., Sukhatme, G.
  JMLR-JOURNAL MACHINE LEARNING RESEARCH.2026: 1432-1446

- **Verification of Neural Reachable Tubes via Scenario Optimization and Conformal Prediction**
  Lin, A., Bansal, S.
  edited by Abate, A., Cannon, M., Margellos, K., Papachristodoulou, A.
  JMLR-JOURNAL MACHINE LEARNING RESEARCH.2024: 719-731

- **Generating Formal Safety Assurances for High-Dimensional Reachability**
  Lin, A., Bansal, S., IEEE
  IEEE.2023: 10525-10531