

Abstract Submitted
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a-axis NIS tunnel junctions using LaSrCuO₄¹ MAO ZHENG, Department of Physics, University of Illinois, Urbana, IL, YIZE LI, JAMES ECKSTEIN — Planar tunneling in NIS structures with crystalline order reveals the density of states largely focused in the tunneling direction. Earlier experiments with a-axis YBCO showed an unexpected strongly broken particle hole symmetry in the CuO bond direction. Here we report on work to make similar structures with a-axis LaSrCuO₄.

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