

Abstract Submitted
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Single crystal growth and anisotropy of magnetic and transport properties of FeTe and FeTe_{1-x}S_x superconductors RONGWEI HU, Physics Department, Brown University, CEDOMIR PETROVIC, Condensed Matter Physics and Materials Science Department, Brookhaven National Laboratory — Single crystals of FeTe and FeTe_{1-x}S_x were grown by molten metallic flux technique. Synchrotron powder X-ray diffraction confirms phase purity. We will present anisotropy of magnetic and electrical transport properties in normal and superconducting state of these compounds.

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