

Abstract Submitted
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Synthesis and Characterization of High Quality Single Crystal CeCoIn₅ ABEBE KEBEDE, TERREL DIAL, NC A&T State University — The preliminary results on the structure and electronic properties of (R, Ce)(Co, M)In₅ are presented. Here R= Pr and M= Fe. We present the results of our measurements of resistivity, specific heat and magnetization. This work is supported by the Department of Energy Grant # DE-F052-05NA27036.

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