

Abstract Submitted
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Neutron scattering studies of the quantum critical point of CeAuSb₂ JOHN JANIK, CHRIS WIEBE, NHMFL/FSU, HAIDONG ZHOU, NHMFL, BEN UELAND, YING CHEN, JEFF LYNN, NIST, ZACHARY FISK, University of California, Irvine, H. LE, WEI BAO, LANL, YOUN-JUNG JO, LUIS BALICAS, NHMFL — We present neutron scattering results on CeAuSb₂, a quantum critical material whose critical point is revealed in magnetic field. We find incommensurate ordering, indicative of itinerant electron physics. The incommensurate feature seems to be directly related to metamagnetic transitions.

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