

Abstract Submitted
for the 4CF07 Meeting of
The American Physical Society

Complex conductivity studies in UTX compounds SOURAV ADAK, KARUNAKAR KOTHAPALLI, ABDEL ALSMADI, HEINZ NAKOTTE, ROSS MCDONALD, EKKEHARD BRUCK, New Mexico State University — We have performed RF skin depth measurements of selected uranium compounds in applied magnetic fields up to 50 T. This technique is relatively new, as applied to metallic samples but is a useful probe of magnetotransport since the skin depth can be simply related to the magnetoresistance.

Sourav Adak
New Mexico State University

Date submitted: 14 Sep 2007

Electronic form version 1.4