

Abstract Submitted
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Studies of the Non-Fermi Liquid Kondo System $Lu_{1-x}Yb_xRh_2Si_2$.¹
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FISK, UC Davis — Single Crystalline Platelets of the $YbRh_2Si_2$ system show strong
magnetic anisotropy. Specific Heat, Magnetic Susceptibility and Electrical Resistiv-
ity data are presented for the alloy system $Lu_{1-x}Yb_xRh_2Si_2$ across the entire com-
position range. The data suggests that the effective Kondo scale for $YbRh_2Si_2$ is
smaller than that for the dilute alloys of Yb in $LuRh_2Si_2$. This work was supported
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