

MAR09-2008-000807

Abstract for an Invited Paper
for the MAR09 Meeting of
the American Physical Society

Julius Edgar Lilienfeld Prize: The RG and me: love at first bite¹

RAMAMURTI SHANKAR, Yale

From the time I took the first bite out of that cut-off, I have been in love with the Renormalization Group, returning to it over and over again to apply it to classical and quantum problems, in clean as well as disordered systems. This talk, aimed at non-experts, introduces and illustrates the RG ideas, with a favorite application, understanding Landau's Fermi liquid.

¹Supported by NSF grant DMR- 0103639