

MAR06-2005-000350

Abstract for an Invited Paper
for the MAR06 Meeting of
the American Physical Society

The origin of the pseudogap in the high T_c superconductors

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The origin of the pseudogap is one of the most important questions in high T_c superconductors. The idea of circulating currents as being responsible for the pseudogap will be considered and various current paths through the Cu-O plane examined in the light of recent neutron scattering experiments.