

講演会のお知らせ

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日時：12月11日(水) 16:00~

場所：研究実験棟(プレハブ)2階

**Density response of cuprates and
renormalization of breathing phonons**

概要

We discuss the charge density fluctuation spectra in cuprates starting with the $t - J$ model in a slave-boson representation. The results obtained are consistent with diagonalization studies and show low-energy structure at specific momentum directions due to the correlated motion of holes. The low-energy response implies an anomalous renormalization of bond-stretching phonon modes.

連絡先：金属材料研究所
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