

The Normal State's Nuclear Spin Relaxation Rates for 2D Large U Hubbard Model

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Abstract We propose a hyperfine interaction between copper's nuclei and spinon to account for the Nuclear Spin Relaxation $1/T_1$ of normal state in the copper-oxygen plane. Based on the framework of Zou-Anderson's effective Hamiltonian, $1/T_1$ of Cu is calculated. A possible explanation to the existing experimental results is presented.

Keywords spin relaxation rates, hyperfine interaction, high temperature superconductivity

· 简 讯 ·

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由本校学报编辑部出版的《中山大学学报论丛[26]—计算机理论与技术》，于1992年校庆前出版(国内外公开发行)。本集收录的论文是从我校岭南(大学)学院计算机科学系的教师近年来投送学报的稿件中精选出来的，经校内外专家审定，具有较高的学术水平。

本论文集的内容主要有：计算理论、人工智能、计算机软件技术及其应用等，本文集内容对有关专业的师生与科研人员有较好的参考价值。

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