NMR/NQR Study on Magnetism of Spin Ladder Sr_{2.5}Ca_{11.5}Cu₂₄O₄₁

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Long-range antiferromagnetic (AF) order in the doped spin ladder compound of Sr₂ cCa₁₁ cCu₂₂Cu₂₃Cu₂₃Cu₂₄Cu

Long-range antiferromagnetic (AF) order in the doped spin ladder compound of Sr_{2.5}Ca_{11.5}Cu₂₄O₄₁ is investigated by heat capacity, magnetization and Cu-NMR/NQR measurements. We suggest that this AF order is primarily responsible for the chain Cu moments.

Key words: NMR: NOR: Spin Ladder Compound: Antiferromagnetic Order: Charge Order.

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