http://www.phy.pku.edu.cn/~icmp/forum/njt.xml

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Measurements of Quasi-Particle Tunneling in the υ = 5/2 Fractional Quantum Hall Regime

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supersolid FQHE

Some models of the 5/2 fractional quantum

Hall state predict that the quasiparticles, which carry the charge,

have non-change of phase factor. Such neAbelian statistics would

the system less sensitive to decoherence, making it a car

for implementation of topological quantum computatio

measure quasiparticle tunneling as a function of temperand dc bias between counterpropagating edge states, theory give e*, the quasiparticle effective charge, close expected value of e/4 and g, the strength of the interpretation of the interpretation of the interpretation of the interpretation of the data, strongly favor the Abelian 331