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Mathematical Physics

Networks

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Finally we relate these results back to previous work in the subject.

Comments: 11 pages, 17 figures

- Subjects: **Mathematical Physics (math-ph)**; General Relativity and Quantum Cosmology (gr-qc); High Energy Physics - Theory (hep-th)
- Cite as: arXiv:1106.5096 [math-ph] (or arXiv:1106.5096v1 [math-ph] for this version)

Invariants of Braided Ribbon

We present a consistent definition for braided ribbon networks in 3-

dimensional manifolds, unifying both three and four valent networks in a single

framework. We present evolution moves for these networks which are dual to the Pachner moves on simplices and present an invariant of this evolution.

Submission history

From: Jonathan Hackett [view email] [v1] Sat, 25 Jun 2011 02:38:53 GMT (1954kb,D)

Which authors of this paper are endorsers?

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