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Non-semisimple TQFTs and BPS q-series

mardi 28 juin 2022 09:30 (50 minutes)

In my talk I will describe a relation between the 3d Topological Quantum Field Theories (TQFTs) of Blanchet–Costantino–Geer–Patureau-Mirand, constructed from a non-semisimple category of representations of a quantum group, and counting of BPS states in a 6d (2,0) superconformal field theory compactified on a 3-manifold with a topological twist.

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