Interactions of Low-dimensional Topology and Quantum Field Theory



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The 0-1 part of extended 2d QFTs

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I will present a conjecture according to which the 0-1 part of an extended 2d QFTs is, up to isomorphism, independent of the QFT.

This conjecture is analogous to the well known fact that there exists a unique separable Hilbert space up to isomorphism (a Hilbert space is the 0 part of a 1d QFT), and has striking consequences about the existence of various kinds of symmetries.

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