
Quantum Dominoes

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Résumé

What could happen if we allow Wang's dominoes to be in quantum superposition ? In this talk, I will show that on one side some surprising phenomena can appear, and the other side some properties of classical Wang dominos still hold. I will briefly explain how two-dimensional Wang tiles can also be extended into a quantum setting, and the challenges it raises.

This talk is based on joint work with Pablo Arrighi and Titouan Carette.

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