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Gravity-related spontaneous disentanglement: cause of Newton force?

Thursday, 18 December 2014 14:15 (45 minutes)

I revisit the model of gravity-related spontaneous wave function collapse together with its lasting problems like the issue of mass density resolution and of overwhelming environmental decoherence. I argue heuristically that G-related spontaneous collapses may be responsible for a "lazy" emergence of Newton gravity at a time scale of 1ms.

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