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Physical Protocols for Recovering Information in Quantum Gravity

I will present two protocols, that observers localized near the boundary of a spacetime can use to recover information about bulk excitations. The first protocol will be for the case of an asymptotically AdS spacetime and the second for an asymptotically flat spacetime. Although the specifics of the two protocols differ, they both demonstrate the principle of holography of information —the fact that information about the bulk is also available near the boundary— already in the low-energy limit of a theory of quantum gravity.

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