

BLACK-HOLE MICROSTRUCTURE



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Contrasting the fuzzball and wormhole paradigms for resolving the black hole information paradox

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We summarize the information paradox and how the fuzzball paradigm resolves the paradox. We note that the small corrections theorem implies that any alternative to fuzzballs must involve long-distance nonlocality. We comment on some aspects of the wormhole paradigm, trying to pinpoint the kind of nonlocalities implied by such an approach.

<https://www.youtube.com/watch?v=-vHrjKGgtMk&t=4215s>

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