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Title:	Horizon strings and interior states of a black hole
Authors:	Yogendran, K.P. (/jspui/browse?type=author&value=Yogendran%2C+K.P.)
Keywords:	Horizon strings black hole Lorentzian
Issue Date:	2015
Publisher:	Elsevier
Citation:	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 750
Abstract:	We provide an explicit construction of classical strings that have endpoints on the horizons of the 2D Lorentzian black hole. We argue that this is a dual description of geodesics that are localized around the horizon which are the Lorentzian counterparts of the winding strings of the Euclidean black hole (the cigar geometry). Identifying these with the states of the black hole, we can expect that issues of black hole information loss can be posed sharply in terms of a fully quantizable string theory.
URI:	https://www.sciencedirect.com/science/article/pii/S0370269315006589 (https://www.sciencedirect.com/science/article/pii/S0370269315006589) http://hdl.handle.net/123456789/2736 (http://hdl.handle.net/123456789/2736)
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