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Title:	Non-Lorentzian chaos and cosmological holography
Authors:	Radhakrishnan, Bharathkumar (/jspui/browse?type=author&value=Radhakrishnan%2C+Bharathkumar)
Keywords:	Non-Lorentzian chaos cosmological holography
Issue Date:	2021
Publisher:	APS
Citation:	Physical Review D, 104(10).
Abstract:	We study chaos in non-Lorentzian field theories, specifically Galilean and Carrollian conformal field theories in two dimensions. In a large central charge limit, we find that the Lyapunov exponent saturates the bound on chaos, conjectured originally for relativistic field theories. We recover the same Lyapunov exponent holographically by a shock-wave calculation in three-dimensional flat space cosmologies, providing further evidence for flat space holography.
Description:	Only IISERM authors are available in the record
URI:	https://doi.org/10.1103/PhysRevD.104.L101901 (https://doi.org/10.1103/PhysRevD.104.L101901) http://hdl.handle.net/123456789/4691 (http://hdl.handle.net/123456789/4691)
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