

Abstract Submitted
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Holographic Complexity and Non-Commutative Gauge Theory¹

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University of Texas at Austin — We study the holographic complexity of non-commutative super Yang-Mills, and in particular how holographic complexity varies with the size of the Moyal scale. We discover shifts in the finite time behavior of the complexification rate, and more interestingly, a one-quarter enhancement of the asymptotic complexification rate relative to the commutative case.

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