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Title:	Quantum instrumentality uniquely singles out the non-local advantage of quantum coherence
Authors:	Singh, Jaskaran (/jspui/browse?type=author&value=Singh%2C+Jaskaran)
Keywords:	Non Locality
Issue Date:	2021
Publisher:	Americam Physical Society
Citation:	Physical Review A, 104(4).
Abstract:	Recently, it was shown that quantum steerability is stronger than the bound set by the instrumental causal network. This implies that quantum instrumentality cannot simulate Einstein-Podolsky-Rosen (EPR) -nonlocal correlations completely. Here we show that quantum instrumentality uniquely and completely singles out the nonlocal advantage of quantum coherence, unlike EPR correlation.
Description:	Only IISER Mohali authors are available in the record
URI:	<a href="https://doi.org/10.1103/PhysRevA.104.042407">https://doi.org/10.1103/PhysRevA.104.042407</a> ( <a href="https://doi.org/10.1103/PhysRevA.104.042407">https://doi.org/10.1103/PhysRevA.104.042407</a> ) <a href="http://hdl.handle.net/123456789/4544">http://hdl.handle.net/123456789/4544</a> ( <a href="http://hdl.handle.net/123456789/4544">http://hdl.handle.net/123456789/4544</a> )
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