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Quantum correlations of helicity entangled states in non-inertial frames beyond single mode approximation

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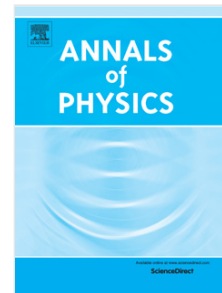
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Research Highlights

- The helicity entangled states here are observer independent in non-inertial frames.
- It is explicitly shown that Quantum Discord for these states is observer independent.
- Geometric Quantum Discord is also not affected by acceleration increase.
- Extending to beyond single mode does not change the degree of entanglement.
- Beyond single mode approximation the degree of Quantum Discord is also preserved.

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