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Path-integral formula for local thermal equilibrium

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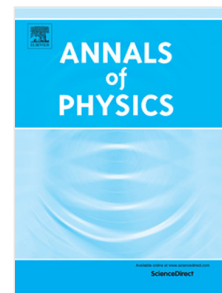
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Research Highlights of
"Path-integral formula for local thermal equilibrium"

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- The imaginary-time path-integral formalism for local thermal equilibrium is established.
- Effects of *local* thermal equilibrium are fully described in terms of emergent curved spacetime.
- Symmetry properties of local thermal equilibrium and emergent thermal spacetime are clarified.
- Variation formulas of conserved currents in local thermal equilibrium are derived.

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