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Quantum critical properties in the topological Ginzburg–Landau
theory of self-dual Josephson
junction arrays

S. Sakhi

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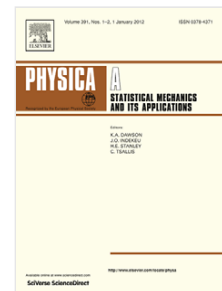
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Highlights

- We model Josephson junction array by a $U(1) \times U(1)$ gauged Ginzburg Landau theory.
- We examine multicritical behavior including the effects of the gauge fields.
- Infrared-stable charged fixed points solutions are found.
- conductivity is universal fixed by the fixed-point values of the gauge couplings

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