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Field theoretic description of the abelian and non-abelian josephson effect

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Abstract content

We formulate the Josephson effect in a field theoretic language which affords a straightforward generalization to the non-abelian case. Our formalism interprets Josephson tunneling as the excitation of pseudo-Goldstone bosons. We discuss applications to various non-abelian symmetry breaking systems in particle and condensed matter physics.

Summary

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