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A Recurring Theme In Condensed-matter Physics Has Been The Discovery And Classification Of Distinctive Phases Of Matter. Often, Phases Can Be Understood Using Landau's Approach, Which Characterizes States In Terms Of Underlying Symmetries That Are Spontaneously Broken. Over The Past 30 Years, The Study Of The Quantum Mar 9th, 2024

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$\text{NGpdGp}=\text{tr Pp-1 2i},, 2 C 1 0 1 0$ Here C Is An Arbitrary Contour, Which Encloses The Fermi Surface [8] In Four-dimensional Momentum Space. Similarly, The Topological Stability Of Fermi Points Is Protected By [8, 9] $\partial P N \text{DSG GG GG G} = \mathbb{1}\mathbb{1}\mathbb{1} \text{Mnrl Mn R L-- - 1 24 Tr . 3 S 3 2 11 1}$ Here S Is The Surface Encompassing All The Fermi Points. May 11th, 2024

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