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Quantum tunnelling and classical random field effects in experiments on adiabatic quantum optimization

Authors-

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Abstract-

Recent ac and dc magnetic response data(1,2) on the system, LiHoY1-pF4, used as a testbed for concepts in adiabatic quantum computation (3,4) are described.

1. PNAS 107, 2797-2800 (2010)

2. Nature 448, 567 (2007)

3. Nature 413, 610-613(2001)

4. Science 284, 779-781 (1999)