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The peculiarities of accumulated long-lived photon echo in van vleck paramagnetics

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Abstract

Theory of accumulated long-lived photon echo in Van Vleck paramagnetics is developed. From comparison with experimental data obtained in LaF₃ : Pr³⁺ (the 3H₄- 3P₀ transition) the relaxation rates of population of the 3H₄(0) level hyperfine transitions are estimated. Copyright © 1996 by MAHK Hayka/Interperiodica Publishing.
