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Title: Understanding Finite Pulse Effects on REDOR Experiments Authors: Thomas, Justin K. (/jspui/browse?type=author&value=Thomas%2C+Justin+K.) Keywords: Chemistry Rotational Echo Double Resonance REDOR Nuclear Magnetic Resonance **NMR** Issue Date: 3-Sep-2016 Publisher: **IISER-M** Abstract: Ever since its inception in 1992, Rotational Echo Double Resonance (REDOR) technique remains the most widely employed pulse sequence to date for measuring heteronulear dipolar interactions in solid-state NMR. In this thesis, our objective is to develop an analytic framework based on Average Hamiltonian Theory to understand its implementation at faster spinning frequencies. URI: http://hdl.handle.net/123456789/601 (http://hdl.handle.net/123456789/601) MS-11 (/jspui/handle/123456789/537) Appears in

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