

Literaturverzeichnis

- [1] Gonzalo A. Álvarez and Dieter Suter. Measuring the spectrum of colored noise by dynamical decoupling. *Phys. Rev. Lett.*, 107:230501, Nov 2011. doi: 10.1103/PhysRevLett.107.230501. URL <http://link.aps.org/doi/10.1103/PhysRevLett.107.230501>.
- [2] F. Bloch. Nuclear induction. *Phys. Rev.*, 70:460–485, 1946.
- [3] F. Bloch, W.W. Hansen, and M. Packard. Nuclear induction. *Phys. Rev.*, 69:127–127, 1946.
- [4] D. Canet. *NMR Konzepte und Methoden*. Springer, 1994.
- [5] H.Y. Carr and E.M. Purcell. Effect of diffusion on free precession in nuclear magnetic resonance experiments. *Phys. Rev.*, 94:630–638, 1954.
- [6] W. C. Dickinson. Dependence of the f^{19} nuclear resonance position on chemical compound. *Phys. Rev.*, 77(5):736–737, 1950. doi: 10.1103/PhysRev.77.736.2.
- [7] Marcus Eickhoff, Bjoern Lenzmann, Dieter Suter, Sophia E. Hayes, and Andreas D. Wieck. Mapping of strain and electric fields in GaAs/AlGaAs quantum-well samples by laser-assisted nmr. *Phys. Rev. B*, 67:085308, 2003.
- [8] Marcus Eickhoff, Stefanie Fustmann, and Dieter Suter. Light-induced Knight shifts in GaAs/AlGaAs quantum wells. *Phys. Rev. B*, 71:195332, 2005.
- [9] J.W. Emsley and J. Feeney. Milestones in the first fifty years of nmr. *Progr. NMR Spectr.*, 28:1–9, 1995.
- [10] R.R. Ernst, G. Bodenhausen, and A. Wokaun. *Principles of nuclear magnetic resonance in one and two dimensions*. Oxford University Press, Oxford, 1987.
- [11] U. Fano. Description of states in quantum mechanics by density matrix and operator techniques. *Rev. Mod. Phys.*, 29:74–93, 1957.
- [12] R.P. Feynman, F.L. Vernon, and R.W. Hellwarth. Geometrical representation of the Schrödinger equation for solving maser problems. *J. Appl. Phys.*, 28:49–52, 1957.
- [13] W. Gerlach and O. Stern. Ueber die Richtungsquantisierung im Magnetfeld. *Ann. d. Phys.*, 74:673–699, 1924.
- [14] C.J. Gorter. Negative result of an attempt to detect nuclear magnetic spins. *Physica*, 3:995–998, 1936.
- [15] A. C. Gossard and A. M. Portis. Observation of nuclear resonance in a ferromagnet. *Phys. Rev. Lett.*, 3:164–166, Aug 1959. doi: 10.1103/PhysRevLett.3.164. URL <http://link.aps.org/doi/10.1103/PhysRevLett.3.164>.
- [16] E.L. Hahn. Spin echoes. *Phys. Rev.*, 80:580–594, 1950.
- [17] S. W. Homans. *A Dictionary of Concepts in NMR*. Oxford University Press, 1989.
- [18] D. I. Hoult. The principle of reciprocity in signal strength. *Concepts in Magnetic Resonance*, 12:173–187, 2000.
- [19] D.I. HOULT. The nmr receiver: a description and analysis of design. *PROGR.IN.NMR.SPECTRO*, 12:41–77, 1978.
- [20] Gunnar Jeschke and Arthur Schweiger. Hyperfine-correlated electron nuclear double resonance spectroscopy. *Chem. Phys. Lett.*, 246:431–438, 1995.
- [21] P. Khandelwal, A. E. Dementyev, N. N. Kuzma, S. E. Barrett, L. N. Pfeiffer, and K. W. West. Spectroscopic evidence for the localization of skyrmions near $\nu = 1$ as $t \rightarrow 0$. *Phys. Rev. Lett.*, 86:5353–5356, 2001.

- [22] W.D. Knight. Nuclear magnetic resonance shift in metals. *Phys. Rev.*, 76:1259–1260, 1949.
- [23] Michael Mehring. *Principles of high resolution NMR in solids*. Springer, Berlin, 1983.
- [24] S. Meiboom and D. Gill. Modified spin-echo method for measuring nuclear relaxation times. *Review of Scientific Instruments*, 29(8): 688–691, 1958. doi: 10.1063/1.1716296. URL <http://link.aip.org/link/?RSI/29/688/1>.
- [25] Ernoe Pretsch, Thomas Clerc, Joseph Seibl, and Wilhelm Simon. *Tabellen zur Strukturaufklärung organischer Verbindungen*. Springer, Berlin, 1976.
- [26] W. G. Proctor and F. C. Yu. The dependence of a nuclear magnetic resonance frequency upon chemical compound. *Phys. Rev.*, 77(5):717, 1950. doi: 10.1103/PhysRev.77.717.
- [27] E. M. Purcell, H. C. Torrey, and R. V. Pound. Resonance absorption by nuclear magnetic moments in a solid. *Phys. Rev.*, 69(1-2):37–38, Jan 1946. doi: 10.1103/PhysRev.69.37.
- [28] I.I. Rabi, J.R. Zacharias, S. Millman, and P. Kusch. A new method of measuring nuclear magnetic moment. *Phys. Rev.*, 53:318–318, 1938.
- [29] Norman F. Ramsey. Magnetic shielding of nuclei in molecules. *PR*, 78:699–703, 1950.
- [30] G. E. Uhlenbeck and S. A. Goudsmit. Ersetzung der hypothese vom unmechanischen zwang durch eine forderung bezüglich des inneren verhaltens jedes einzelnen elektrons. *Naturwiss*, 13:953–953, 1925.
- [31] E. Zavoisky. Spin-magnetic resonance in paramagnetics. *J. Phys.*, 9:245, 1945.
- [32] P. Zeeman. The effect of magnetisation on the nature of light emitted by a substance. *Nature*, 55:347, 1897.