



# P31-NMR data, Part 1 : Nuclear Magnetic Resonance (NMR) Data

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Nuclear Magnetic Resonance (NMR) is based on the fact that certain nuclei exhibit a magnetic moment, orient by a magnetic field, and absorb characteristic frequencies in the radiofrequency part of the spectrum. The spectral lines of the nuclei are highly influenced by the chemical environment i.e. the structure and interaction of the molecules. NMR is now the leading technique and a powerful tool for the investigation of the structure and interaction of molecules. The present Landolt-Bornstein vol.III/35 Nuclear Magnetic Resonance (NMR) Data is therefore of major interest to all scientists and engineers who intend to use NMR to study the structure and the binding of molecules. Vol. III/40H is divided into three subvolumes, all of them describing NMR-data about  $^{31}\text{P}$ .

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