

# III/35 Nuclear Magnetic Resonance (NMR) Data

## Subvolume C: Chemical Shifts and Coupling Constants for Hydrogen-1

### Part 4: Inorganic and Organometallic Compounds\*)

#### 1 Introduction (R.R. GUPTA)

- 1.1 Magnetic properties of nuclei . . . . .
- 1.2 Spinning nuclei in magnetic field . . . . .
- 1.3 Theory of nuclear resonance . . . . .
- 1.4 Chemical shift . . . . .
- 1.5 Coupling constant . . . . .
- 1.6 Organization of data . . . . .

#### 2 Hydrogen-1 NMR (N. PLATZER)

- 2.1 Introduction for 2. . . . .
- 2.2 Chemical shift,  $\delta$  [ppm] . . . . .
- 2.3 References for 2.2 and 2.4 . . . . .
- 2.4 Coupling constant,  $J$  [Hz] please click on the respective substance number in section 2.2
- 2.5 References for 2.4 : section 2.4 and 2.5 are presented in the electronic version only !

<http://www.springer.com/978-3-540-41059-1>

Inorganic and Organometallic Compounds

Gupta, R.R.; Platzner, N.

2001, VII, 299 p. With CD-ROM., Hardcover

ISBN: 978-3-540-41059-1