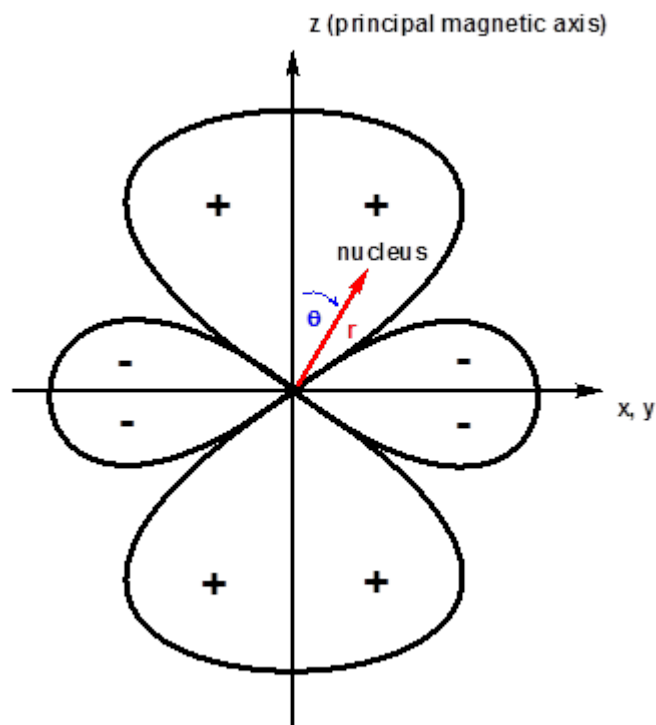


## (5) NMR of heteronuclei - paramagnetism

Using pseudocontact shift for assignment - McConnell Robertson



$$\delta^{pcs} = K \frac{(3 \cos^2 \theta - 1)}{r^3}$$

McConnel, *J. Chem. Phys.* **1958**, 29, 1361.

- Axially symmetric induced field (Lanthanide in origin of coordinate system)