

Anwendungen der NMR-Spektroskopie in der Metallorganischen Chemie

$I = 1/2$ Large γ Short T_1	^{113}Cd ^{195}Pt ^{199}Hg	Normal pulse techniques
$I = 1/2$ Small γ Long T_1	^{57}Fe ^{103}Rh ^{109}Ag ^{183}W ^{187}Os	Normal pulse techniques at high B_0 fields, or polarisation transfer from ^1H or ^{31}P , <i>i.e.</i> INEPT (1D) or HMQC (2D INVERSE)
$I \geq 1$ Small Q Short T_2	^{51}V ^{53}Cr ^{91}Zr ^{95}Mo ^{99}Ru	Normal pulse techniques
$I \geq 1$ Large Q Very short T_2	^{55}Mn ^{59}Co ^{61}Ni ^{101}Ru ^{105}Pd	Normal pulse techniques, preferably at high B_0 fields when receptivity is low

Quelle: von Philipsborn, *Chem.Soc.Rev.* **1999**, 28, 95.