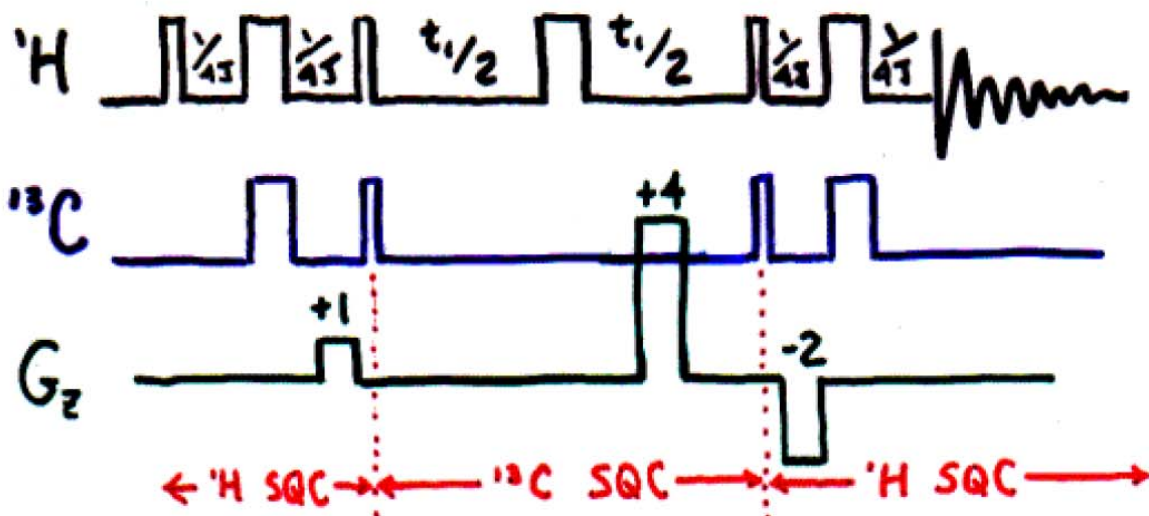


Gradient-Enhanced HSQC

Twist rate depends on γ :

$$I_x \rightarrow I_x \cos(z\gamma G t) + I_y \sin(z\gamma G t)$$

$\gamma_H \approx 4 \cdot \gamma_C$ So 1H SQC twists 4 times as fast as ^{13}C SQC



Net Twist:	+4	+8	0
Incremental Twist:	(+4)	(+4)	(-8)

To be observed: $\sum_i (G_i \tau_i p_i) = 0$

"coherence order" $^1H = 4, ^{13}C = 1...$