

Si no hay B  $\rightarrow \Delta\theta = 0$   
 Si hay B  $\rightarrow \Delta\theta \neq 0$

$$\hookrightarrow \Delta\theta \propto LB$$

$$\boxed{? \Delta\theta = VLB}$$

$V =$  constante de Verdet.  
 para cada material

$$\hookrightarrow F2 (2) \rightarrow V_m(F2)$$

$$\hookrightarrow SFS (3) \rightarrow V_m(SFS)$$

Fuente de poder

Cristal

$\rightarrow n$  índice de refracción

$\rightarrow \mu, \epsilon$

$$\hookrightarrow n = \frac{c_m}{c}, \quad c = \frac{1}{\sqrt{\mu\epsilon}}$$

$$c = 298,742,962 \text{ m/s}$$

$\hookrightarrow \Delta\theta = VLB$  Modelo  
 $B, L, \theta$   
 $V$  pendiente

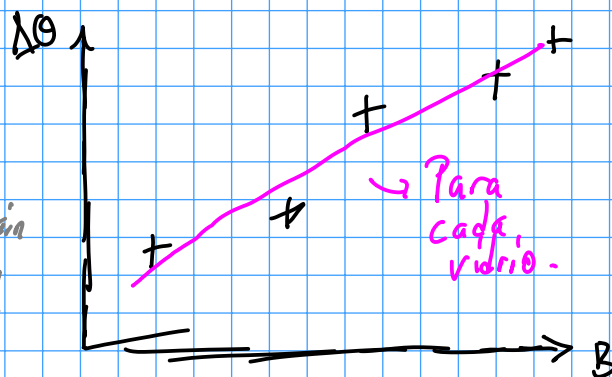
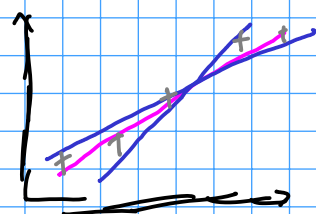
1: Relación B vs I

2: Relación  $\Delta\theta$  vs B (I)  
 $\Delta\theta, \delta(\Delta\theta), I(\delta I), B(\delta B)$

$\rightarrow$  Monte Carlo

$\rightarrow$  Monte Carlo Markov Chain

$\rightarrow$  Maximum Likelihood



1: F2

2: F2

3: F2

$V_{F2}$

1: SFS

2: SFS

$V_{SFS}$