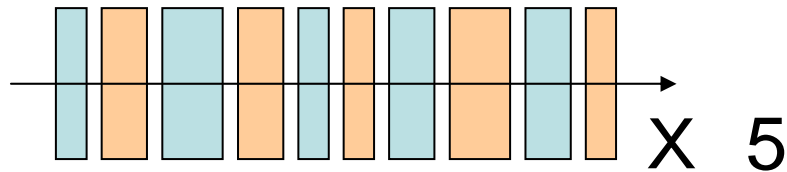


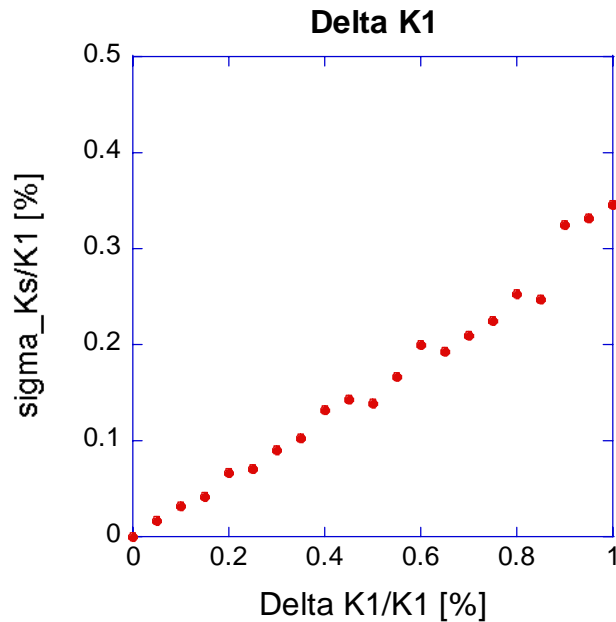
# Magnet Error Estimation



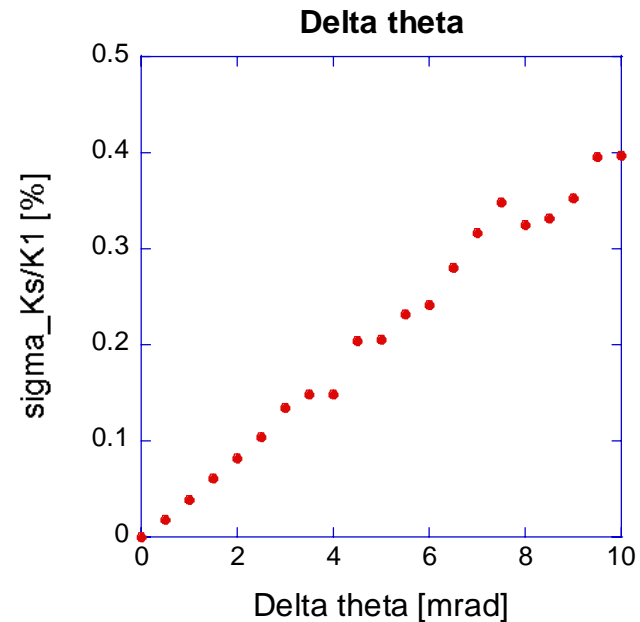
## Simulation Condition

L1 = 0.0637909      Beam Energy 250GeV  
L2 = 0.0500000      G = 140 T/m  
L3 = 0.0181046      theta = 30 degrees ( K1 = 0.16793 [1/m] )  
D = 0.0100000

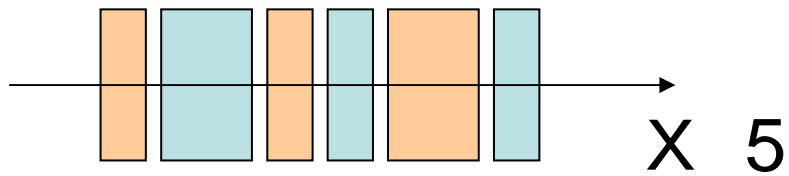
100 random seeds for each point



0.31% @ sigma\_Ks/K1 = 0.10%  
0.03% @ sigma\_Ks/K1 = 0.01%



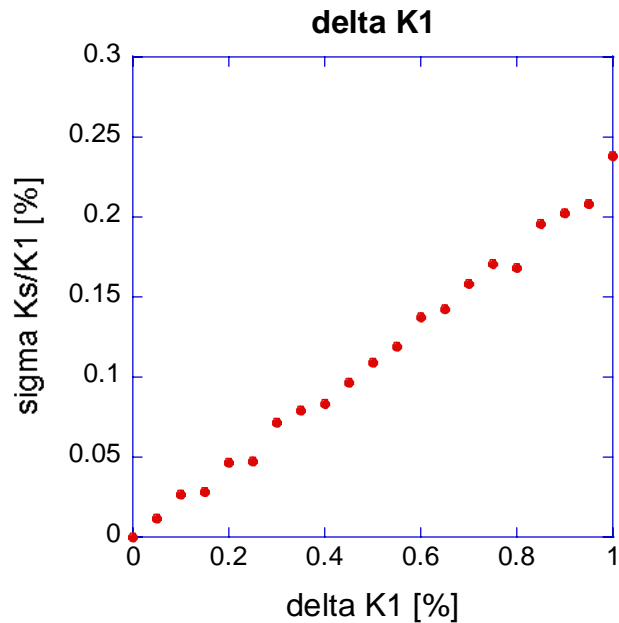
2.42mrad @ sigma\_Ks/K1 = 0.10%  
0.24mrad @ sigma\_Ks/K1 = 0.01%



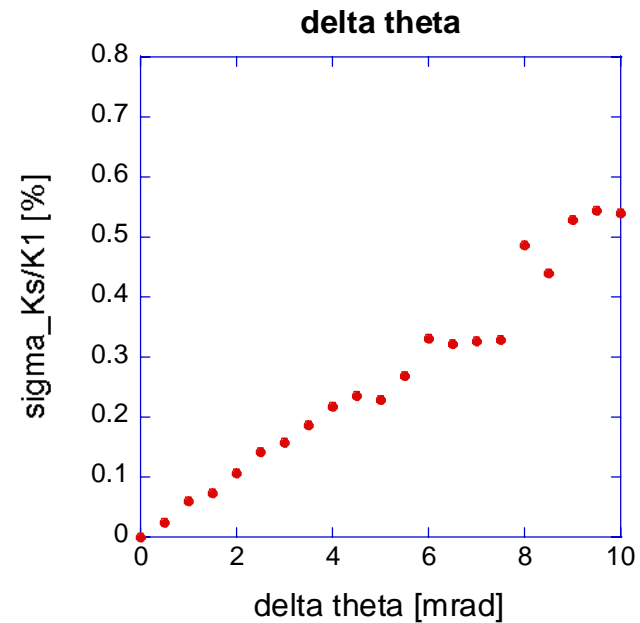
## Simulation Condition

L1 = 0.1000000      Beam Energy 250GeV  
 L2 = 0.0500000      G = 140 T/m  
 D = 0.0100000      theta = 30 degrees ( K1 = 0.16796 [1/m] )

100 random seeds for each point



0.45% @ sigma\_Ks/K1 = 0.10%  
 0.05% @ sigma\_Ks/K1 = 0.01%



1.9mrad @ sigma\_Ks/K1 = 0.10%  
 0.2mrad @ sigma\_Ks/K1 = 0.01%