Using all sets

M1 = xlsread('FINAL TEST\MOVING WALL 2');

M2 = xlsread('FINAL TEST\MOVING WALL');

% M3 = xlsread('FINAL TEST\WALL');

% M4 = xlsread('FINAL TEST\WALL');

M3 = pointFilter('FINAL TEST\WALL',16000,16000);

M4 = pointFilter('FINAL TEST\FULL',16000,16000);

Verified that all quaternion variables were very close

All stored in qr\_cal

Basically means that calibration on the galvanometer does not really affect the quaternion solve

STD calculation

1.0e-04 \*0.0003 0.8775 0.6027 0.4335