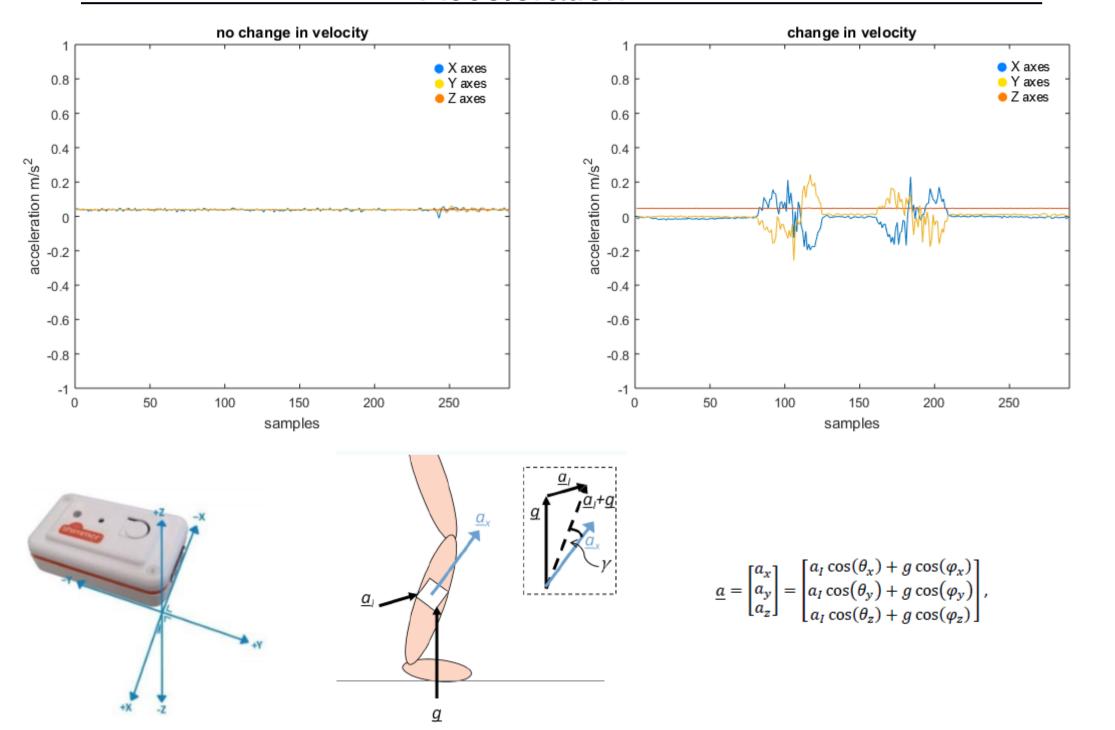
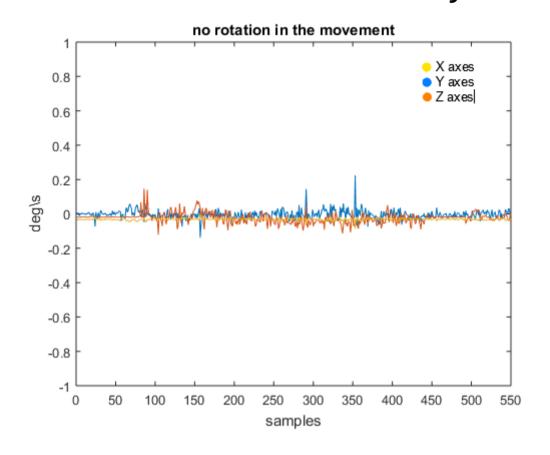
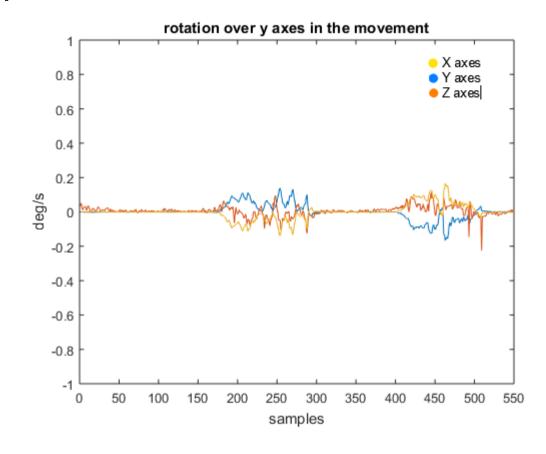
Acceleration

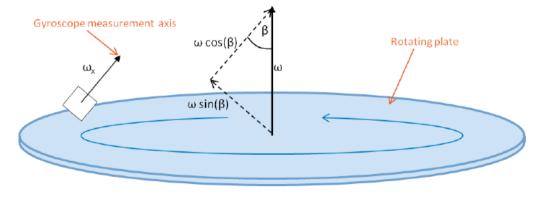


Gyroscope



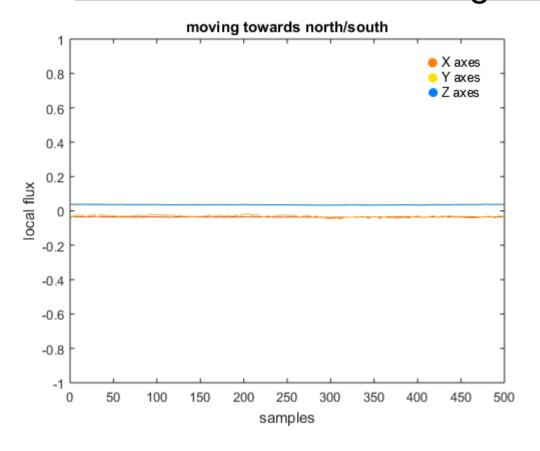


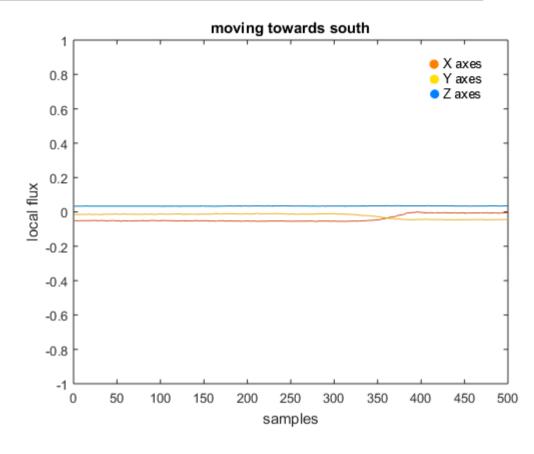


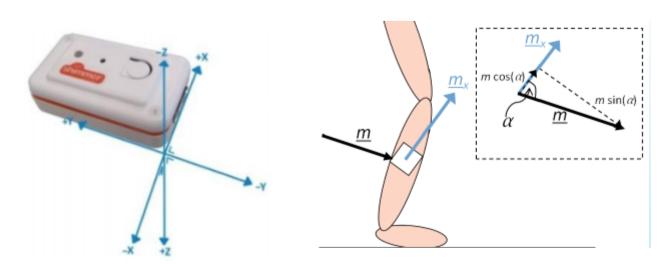


$$\underline{\omega} = \begin{bmatrix} \omega_x \\ \omega_y \\ \omega_z \end{bmatrix} = \begin{bmatrix} \omega \cos(\beta_x) \\ \omega \cos(\beta_y) \\ \omega \cos(\beta_z) \end{bmatrix}$$

<u>Magnetometer</u>







$$\underline{m} = \begin{bmatrix} m_x \\ m_y \\ m_z \end{bmatrix} = \begin{bmatrix} m\cos(\alpha_x) \\ m\cos(\alpha_y) \\ m\cos(\alpha_z) \end{bmatrix}$$