$(x_{previous}, y_{previous}, z_{previous}, \Delta x_{previous}, \Delta y_{previous}, \Delta z_{previous})$

Prediction

$(x_{\text{prediction}}, y_{\text{prediction}}, z_{\text{prediction}})$

$(I_{x\_prediction}, I_{y\_prediction})$

Update

$(I_{x\_update}, I_{y\_update})$

$(x_{current}, y_{current}, z_{current})$

$(\Delta x_{current}, \Delta y_{current}, \Delta z_{current}) = (x_{current}, y_{current}, z_{current}) - (x_{previous}, y_{previous}, z_{previous})$