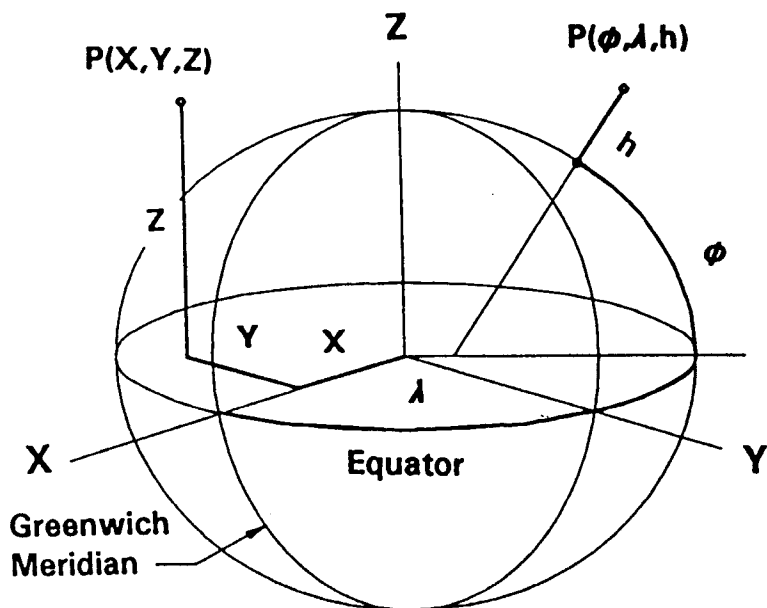
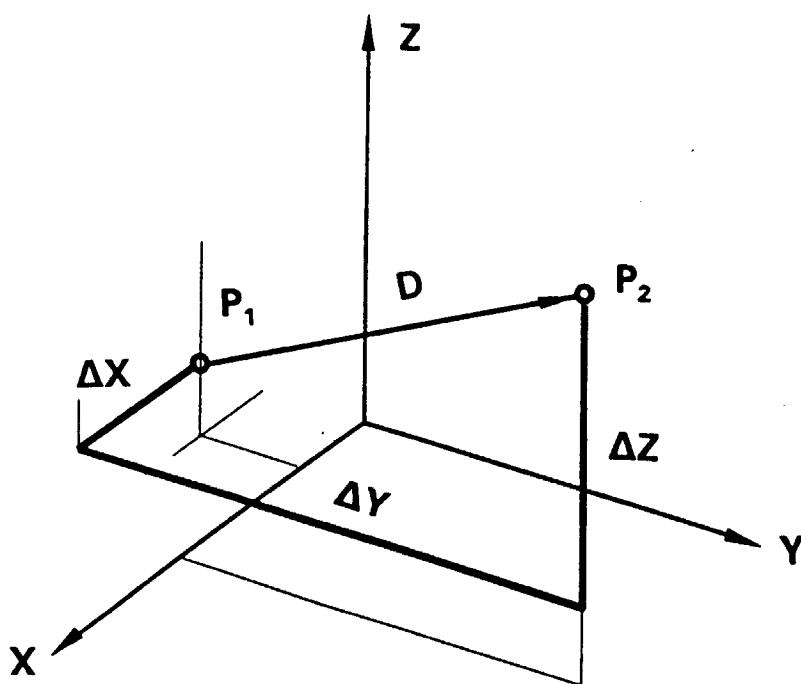




Geocentric X,Y,Z and Geodetic ϕ,λ,h Coordinates



$$\begin{aligned} X_2 &= X_1 + \Delta X \\ Y_2 &= Y_1 + \Delta Y \\ Z_2 &= Z_1 + \Delta Z \end{aligned}$$

$$\begin{aligned} \Delta X &= X_2 - X_1 \\ \Delta Y &= Y_2 - Y_1 \\ \Delta Z &= Z_2 - Z_1 \end{aligned}$$

GPS Relative Positioning Provides Precise $\Delta X/\Delta Y/\Delta Z$