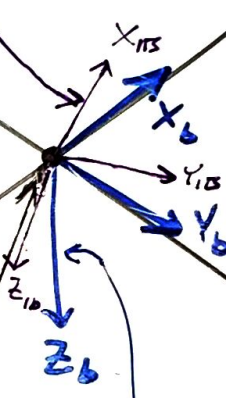


THE "1b" FRAME IS A COPY OF THE EARTH-FIXED FRAME TRANSLATED TO THE BODY CENTER.

(ϕ, θ, ψ) [ROLL, PITCH, YAW] ARE "b" FRAME ROTATIONS RELATIVE TO "1b" AND HENCE "b".



THE "b" FRAME IS "PAINTED" ON THE BODY AS SHOWN FOR OUR QUAD.

\vec{P} : POSITION OF QUADROTOR RELATIVE TO GROUND REFERENCE (X, Y, Z)

