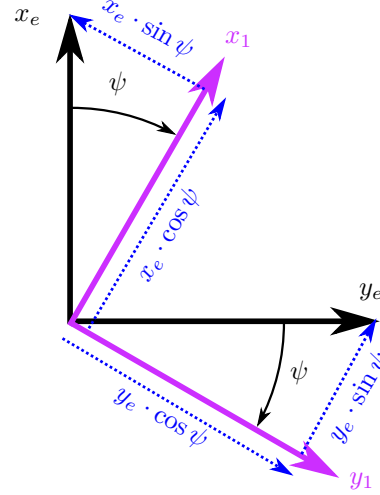
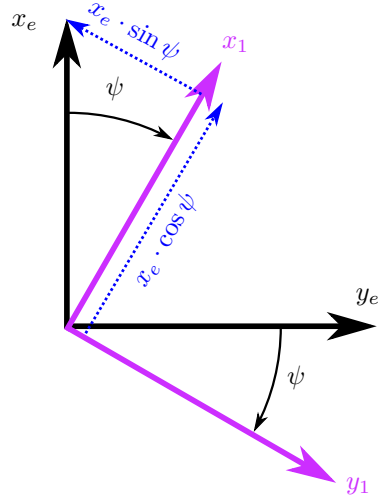


(a) Draw the unrotated axis set

(b) Overlay the rotated axis set **in the correct direction**



(c) Make one of the unrotated axes the hypotenuse of a right-angle triangle, and determine its constituent vectors from the problem geometry.

(d) Do the same with the other

Figure 1: Steps to perform an Euler transform from Earth axes to intermediate axes  $X_1, Y_1, Z_1$ .