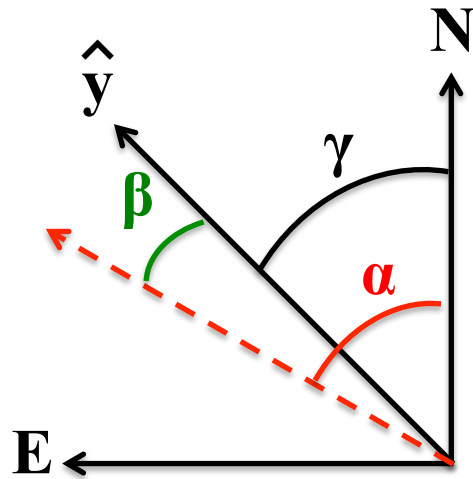
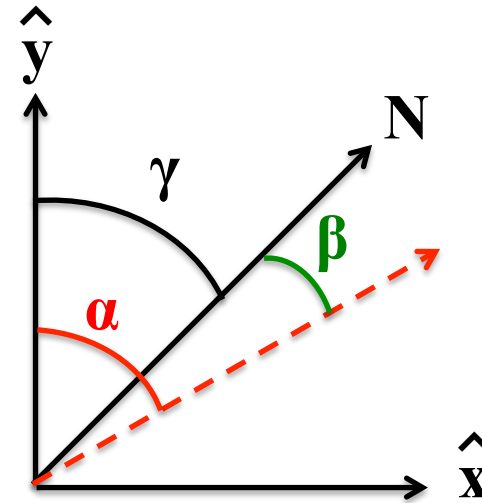


On the sky:



On the detector:



$$\gamma = \alpha - \beta$$

$$\alpha = \text{ROTPOSN} - \text{INSTANGL}$$

$$\beta = 0.252^\circ \pm 0.009^\circ$$

NIRC2 PA is defined as the angle of the NIRC2 y-axis on the sky measured east of North. The True NIRC2 PA = ROTPOSN - INSTANGL - 0.252°.

Example #1: For ROTPOSN - INSTANGL = 0, rotate your NIRC2 image by 0.252° clockwise to get North up.

Example #2: For a specified PA (ROTPSN-INSTANGL) of α , rotate your NIRC2 image by $\alpha - 0.252^\circ$ counterclockwise to get North up.

Yelda et al. (2010)