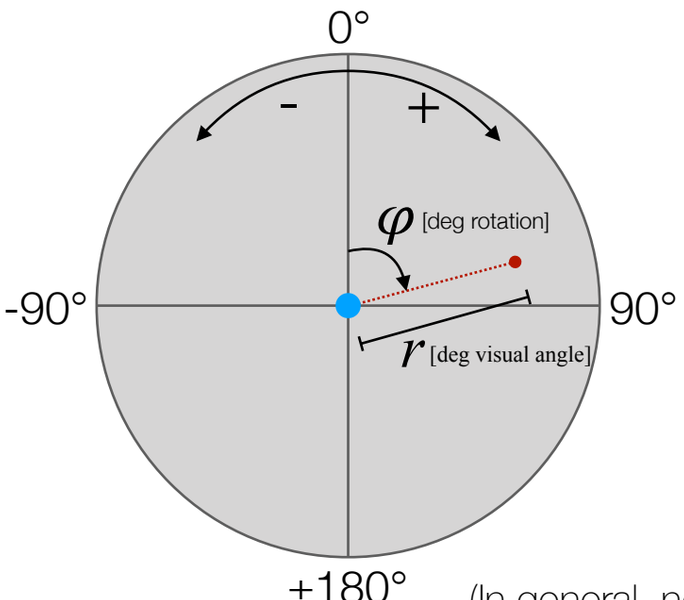
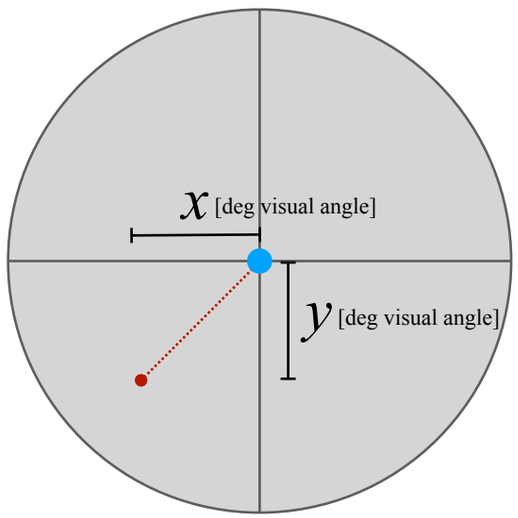
Neuropythy's Retinotopy Styles

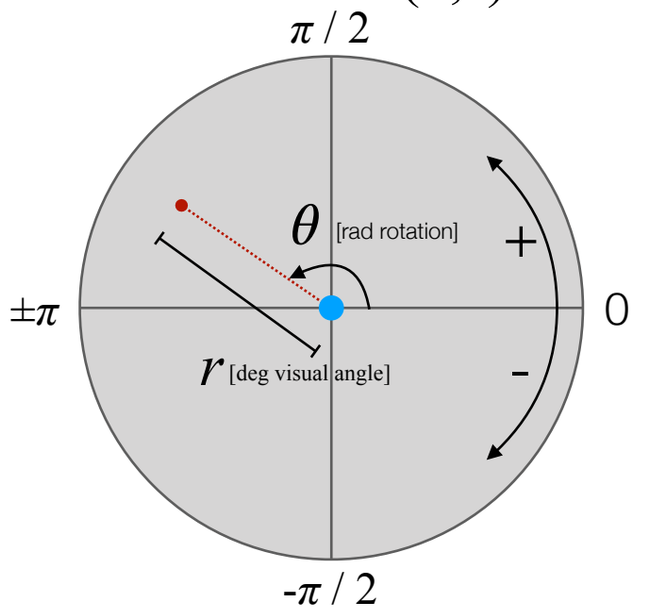
visual: (φ,r)



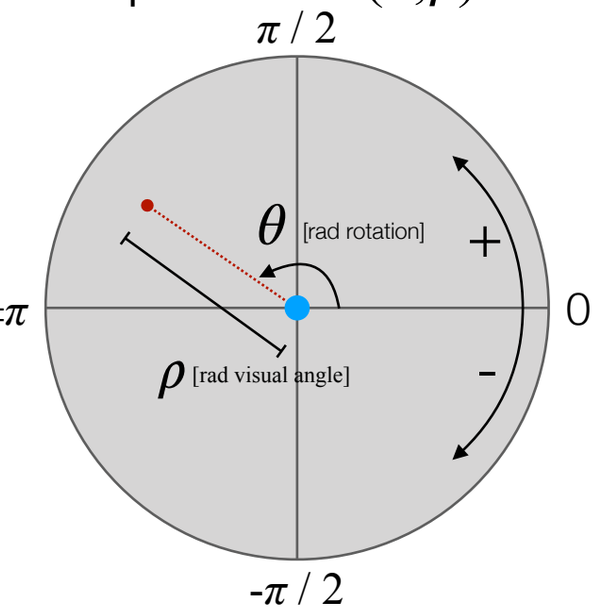
geographical: (x,y)



standard: (θ,r)

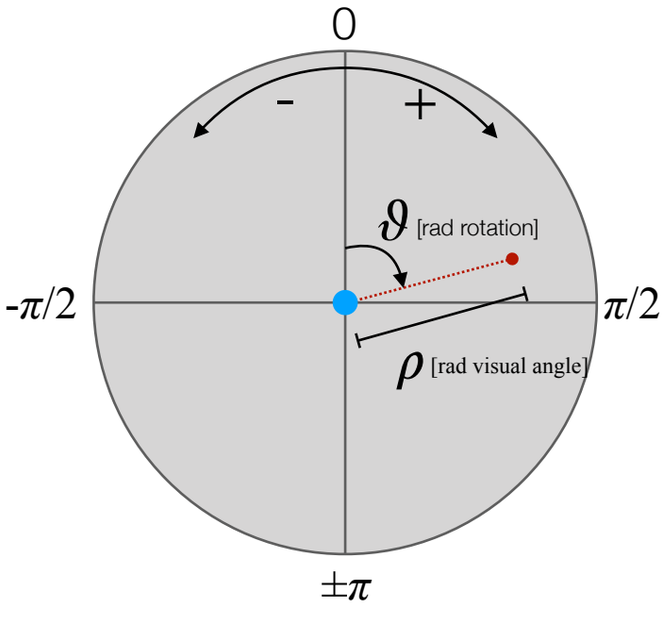


spherical: (θ,ρ)

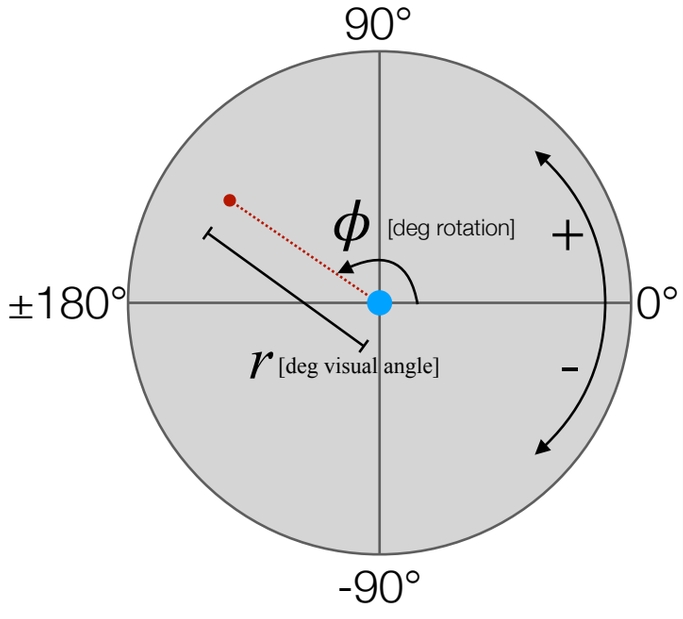


(In general, neuropythy prefers to use the 'visual' style internally)

visual-rad: (ϑ,ρ)



spherical-deg: (ϕ,r)



How neuropythy interprets properties

φ: `'polar_angle'` | `'polang'` ϕ: `'angle'` | `'ang'`

ϑ: `'polar_theta'` | `'poltht'` θ: `'theta'` | `'tht'`

r: `'eccentricity'` | `'eccen'` | `'ecc'`

x: `'x'` | `'longitude'` | `'lon'`

y: `'y'` | `'latitude'` | `'lat'`

Examples:

```
>>> as_retinotopy({'x':1, 'y':0}, 'visual')
(90, 1) # geographical to visual => (alpha, r)

>>> as_retinotopy({'polar_angle':-90, 'ecc':3}, 'geographical')
(-3, 0) # visual to geographical => (x, y)

>>> as_retinotopy({'theta':-pi/2, 'eccen':3}, 'geographical')
(0, -3) # standard to geographical => (x, y)

>>> as_retinotopy({'x':1, 'y':0}, 'standard')
(0, 1) # geographical to standard => (theta, r)
```