Point-Like Perturber $(\theta_p, \phi_p) = (1.5707963267948966, 0)$
tol=1e-12 a,p,e,x=(0.5, 10.0, 0, 1)
δ from unperturbed
observedLongitude = $\pi/4$, observedInclination = $\pi/6$