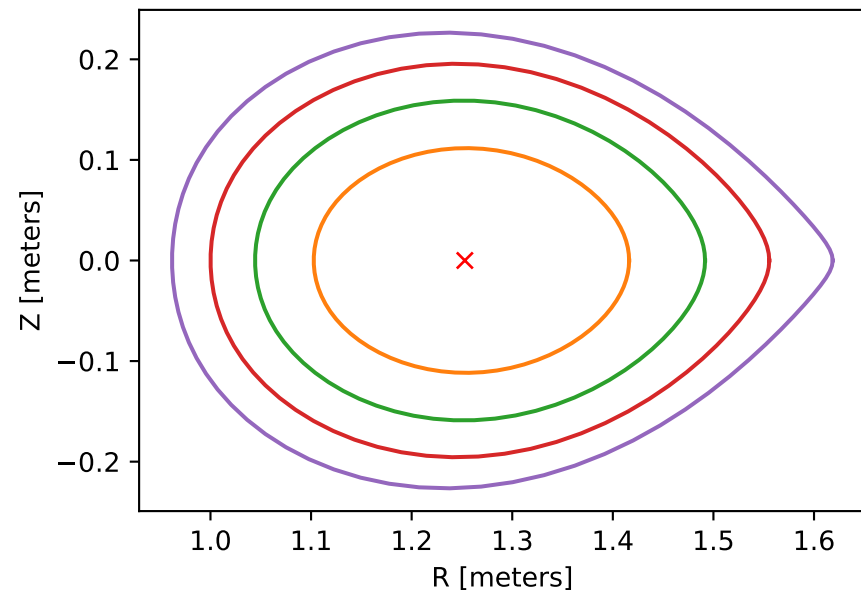
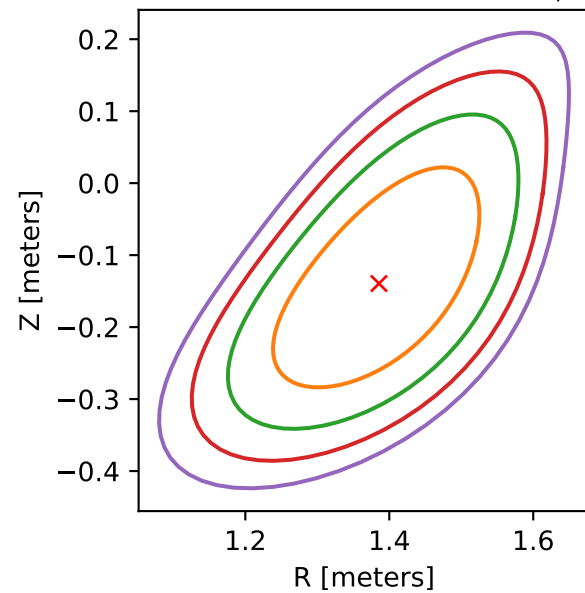


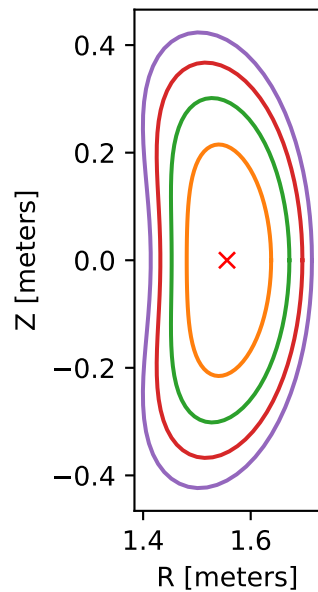
$\phi = 0$



1/4 period: $\phi = (1/4)2\pi/N_{fp}$



1/2 period: $\phi = (1/2)2\pi/N_{fp}$



3/4 period: $\phi = (3/4)2\pi/N_{fp}$

