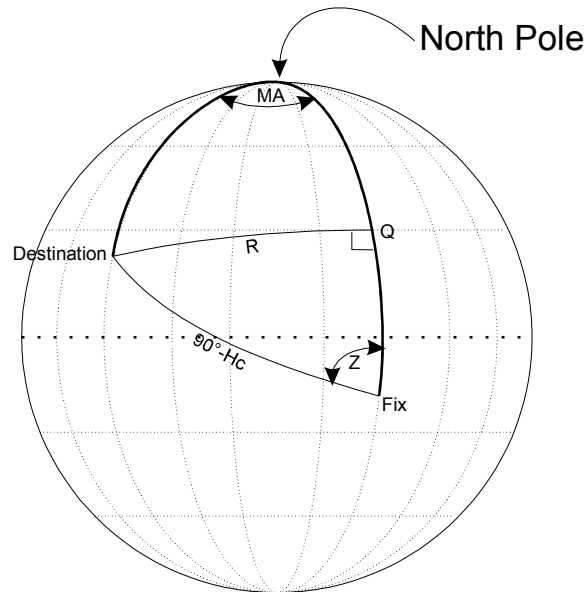
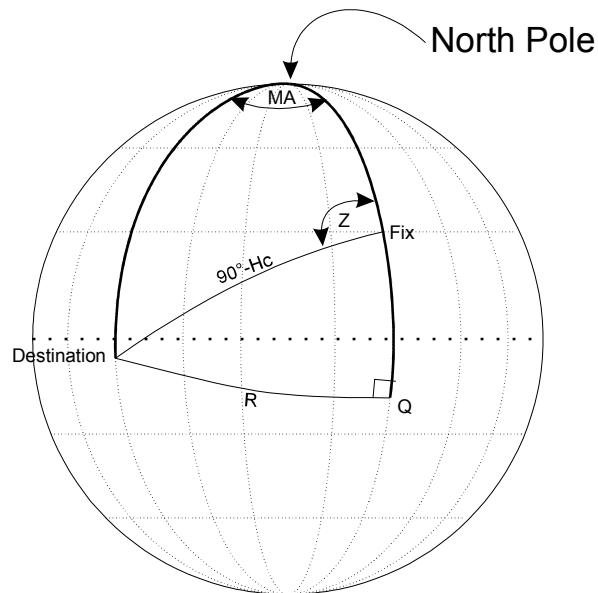


Great Circle Navigation

Scenario 1: Destination closer to north pole than fix.



Scenario 2: Fix closer to north pole than destination.

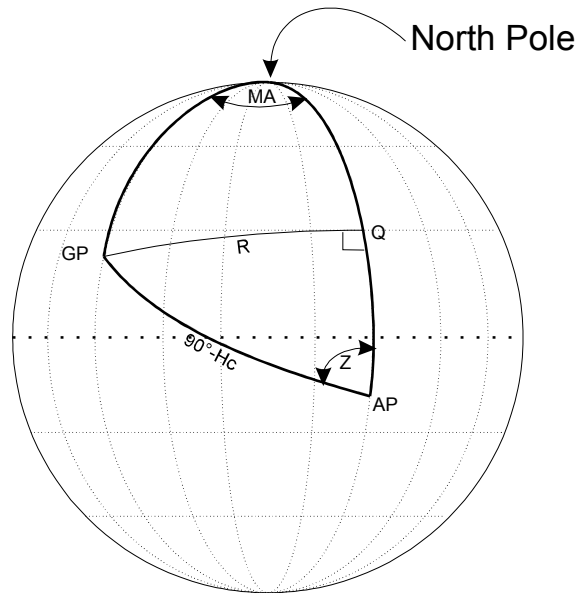


$$\text{Distance to destination} = (90 - H_c) * 60$$

Unless Destination is precisely on the equator, Q will have the same latitude sign as destination, but will be slightly closer to the nearest pole.

Celestial Navigation: Sight Reduction

Scenario 1: Geographical position (GP) closer to north pole than the assumed position (AP).



Scenario 2: Assumed position (AP) closer to north pole than the geographical position (GP).

