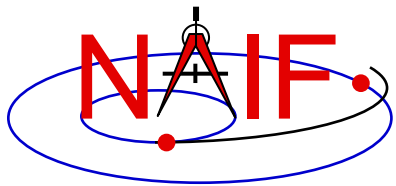




**Navigation and Ancillary Information Facility**

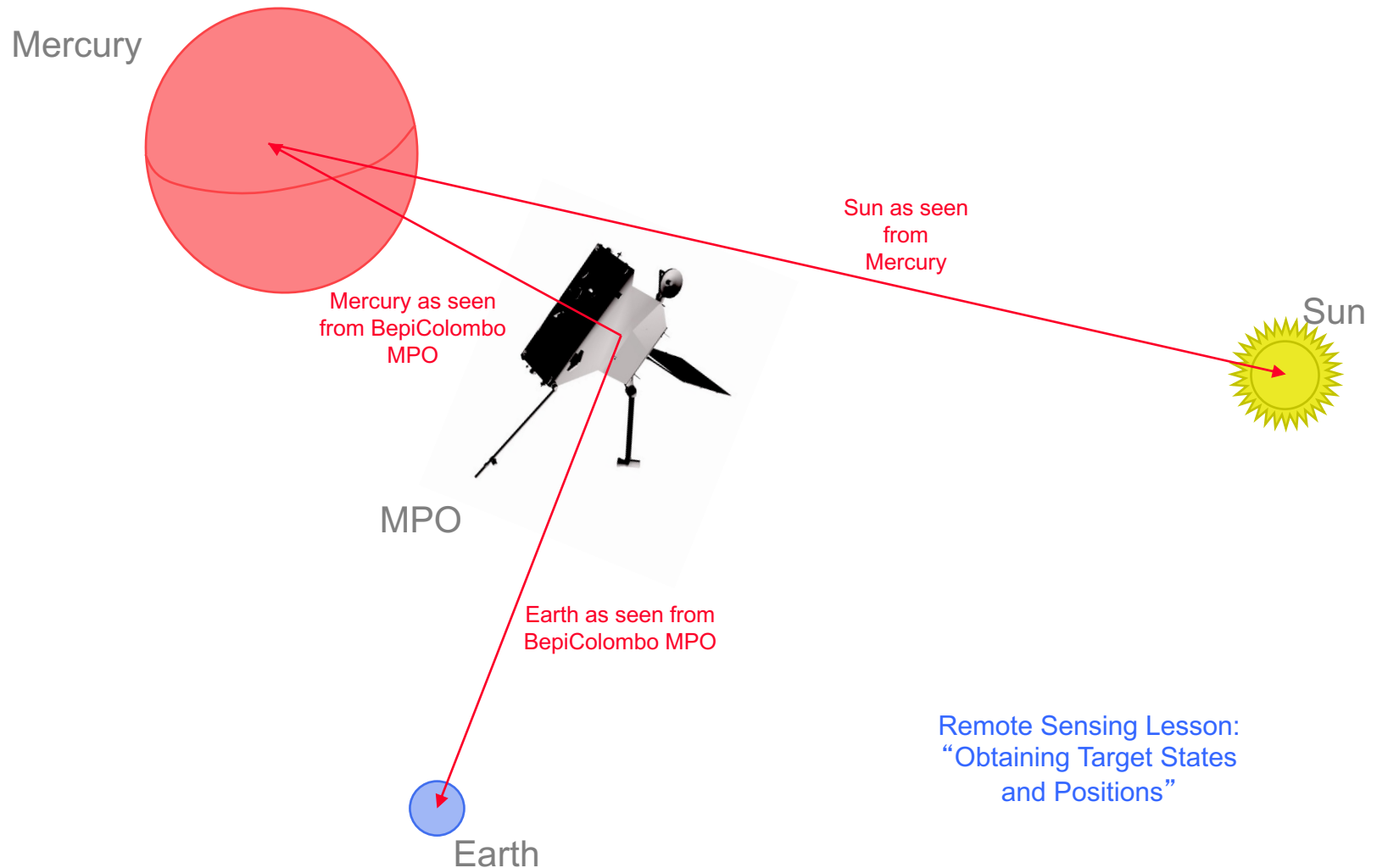
# **Remote Sensing Programming Lesson (MPO)**

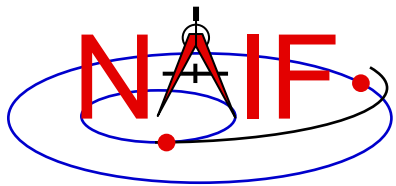
**February 2023**



# Diagram for “getsta” Exercise

Navigation and Ancillary Information Facility

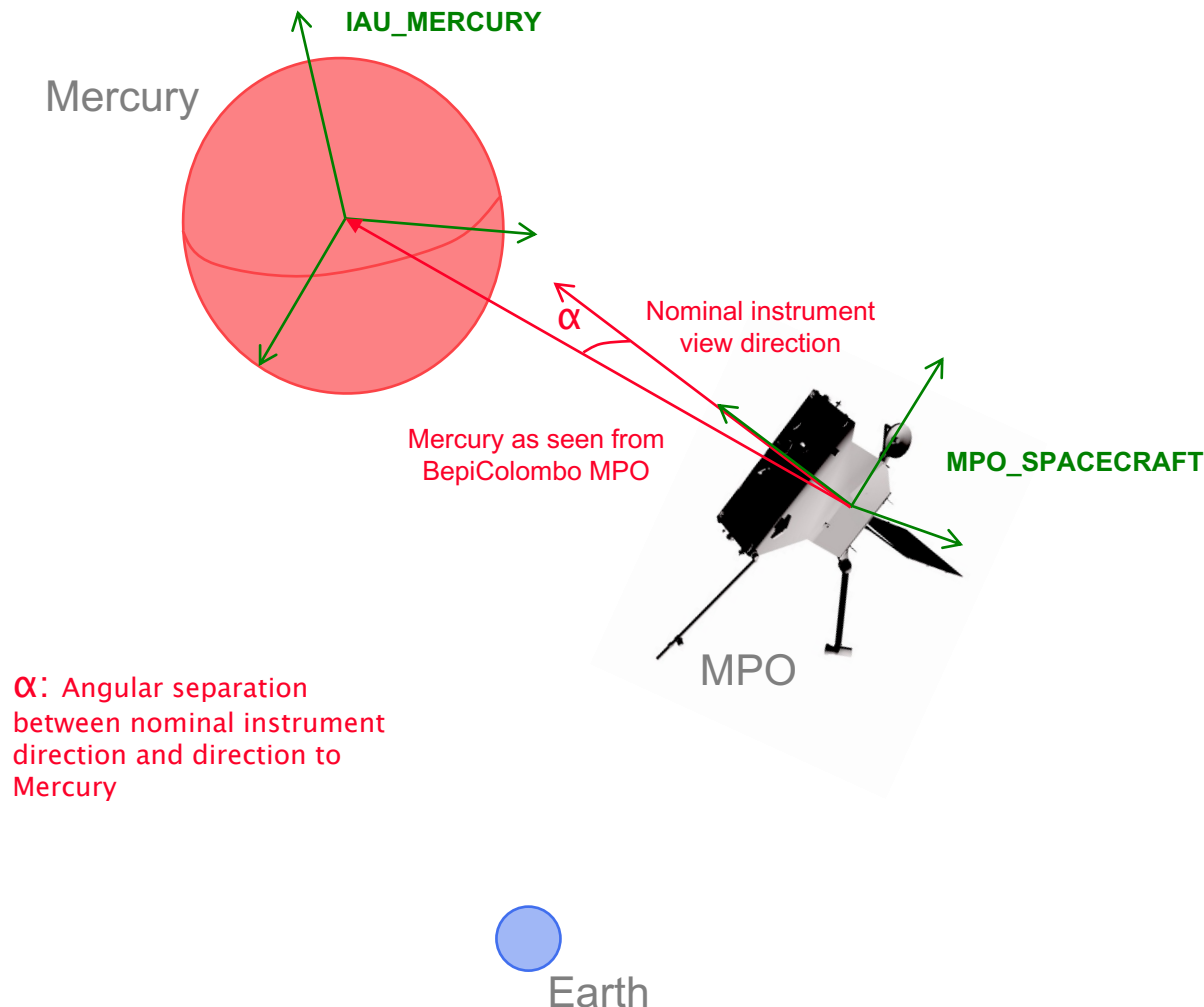




# Diagram for “xform” Exercise

Navigation and Ancillary Information Facility

Remote Sensing Lesson:  
“Spacecraft Orientation  
and Reference Frames”

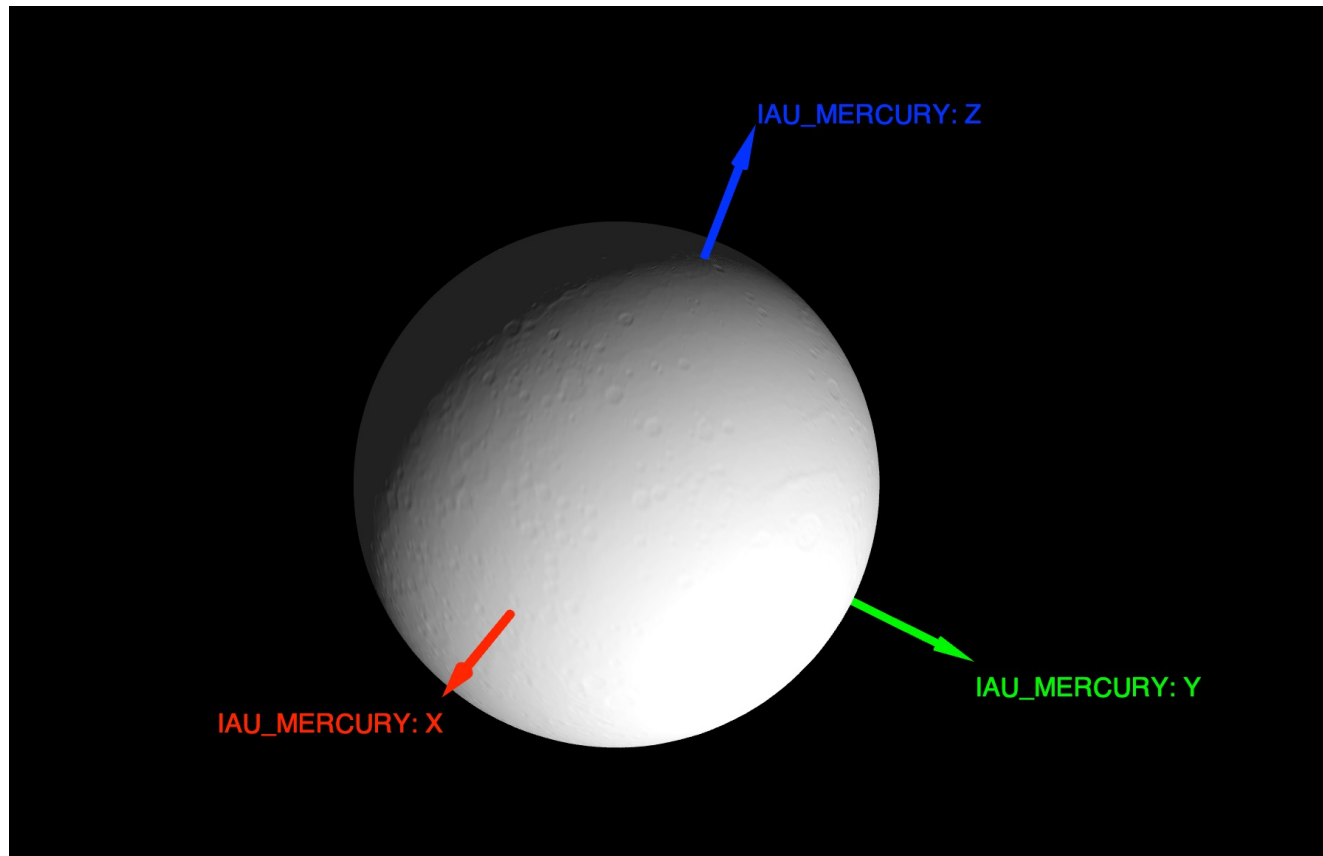


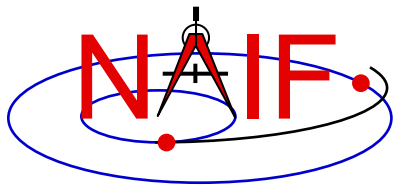


# Mercury Shape

## Navigation and Ancillary Information Facility

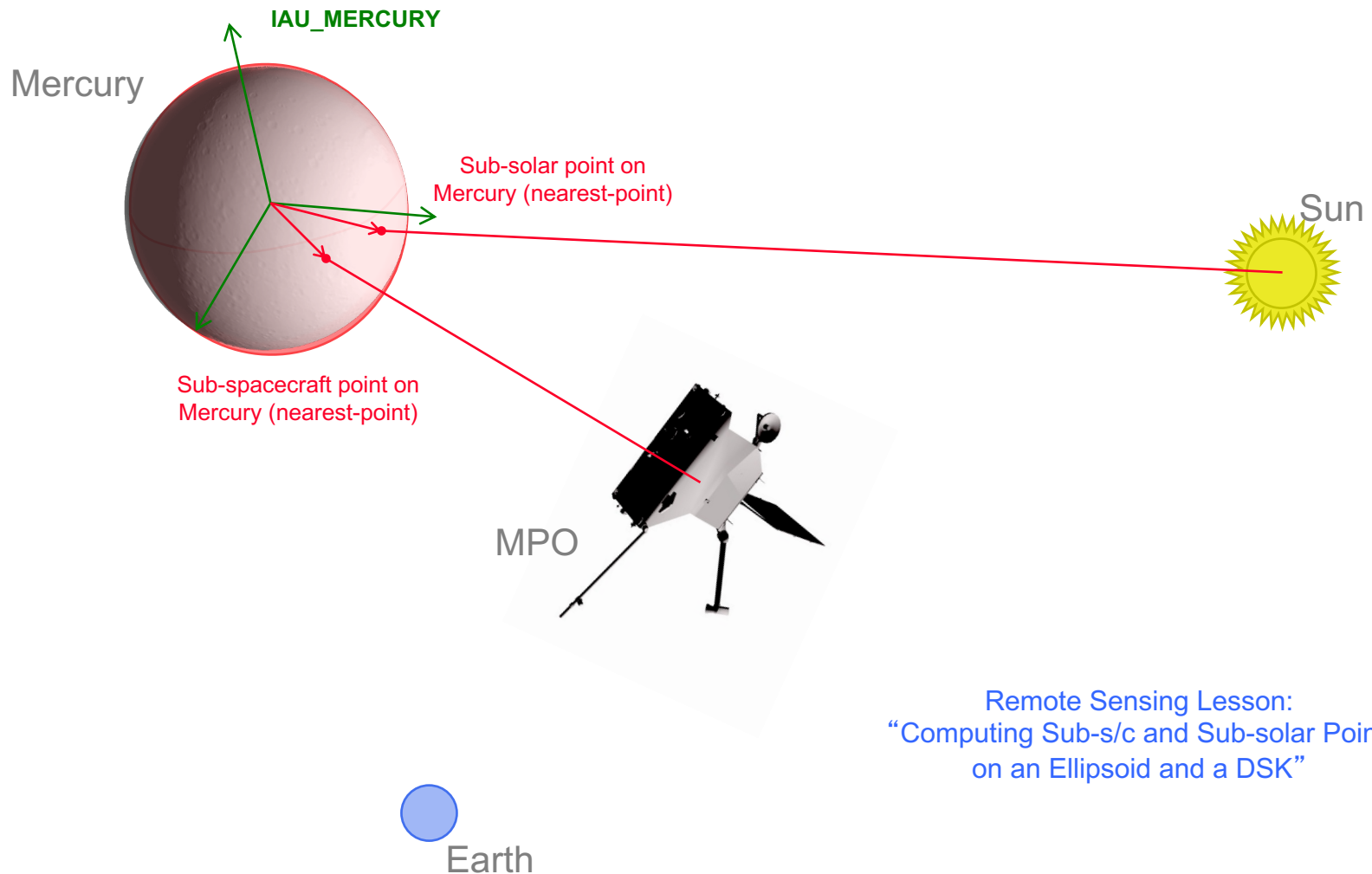
The next two tasks ask for computing observation geometry parameters for Mercury modeled as a triaxial ellipsoid and as a triangular plate model provided in a DSK, resulting in significantly different values for these two cases. This should not be surprising given how different Mercury topography is from the ellipsoidal surface, for some areas by many kilometers, as illustrated by the view below.

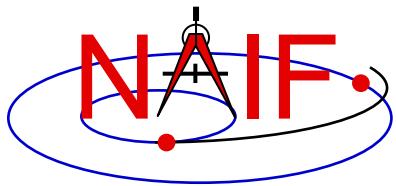




# Diagram for “subpts” Exercise

Navigation and Ancillary Information Facility





# Diagram for “fovint” Exercise

Navigation and Ancillary Information Facility

