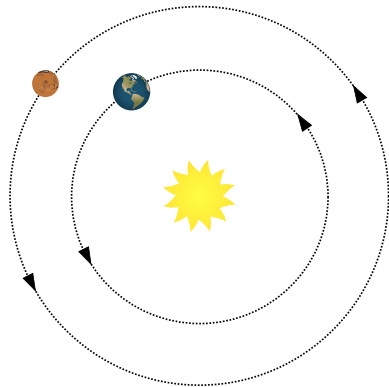


geocentric
system



heliocentric
system