

Use the Sun as the center of the coordinate system.

S

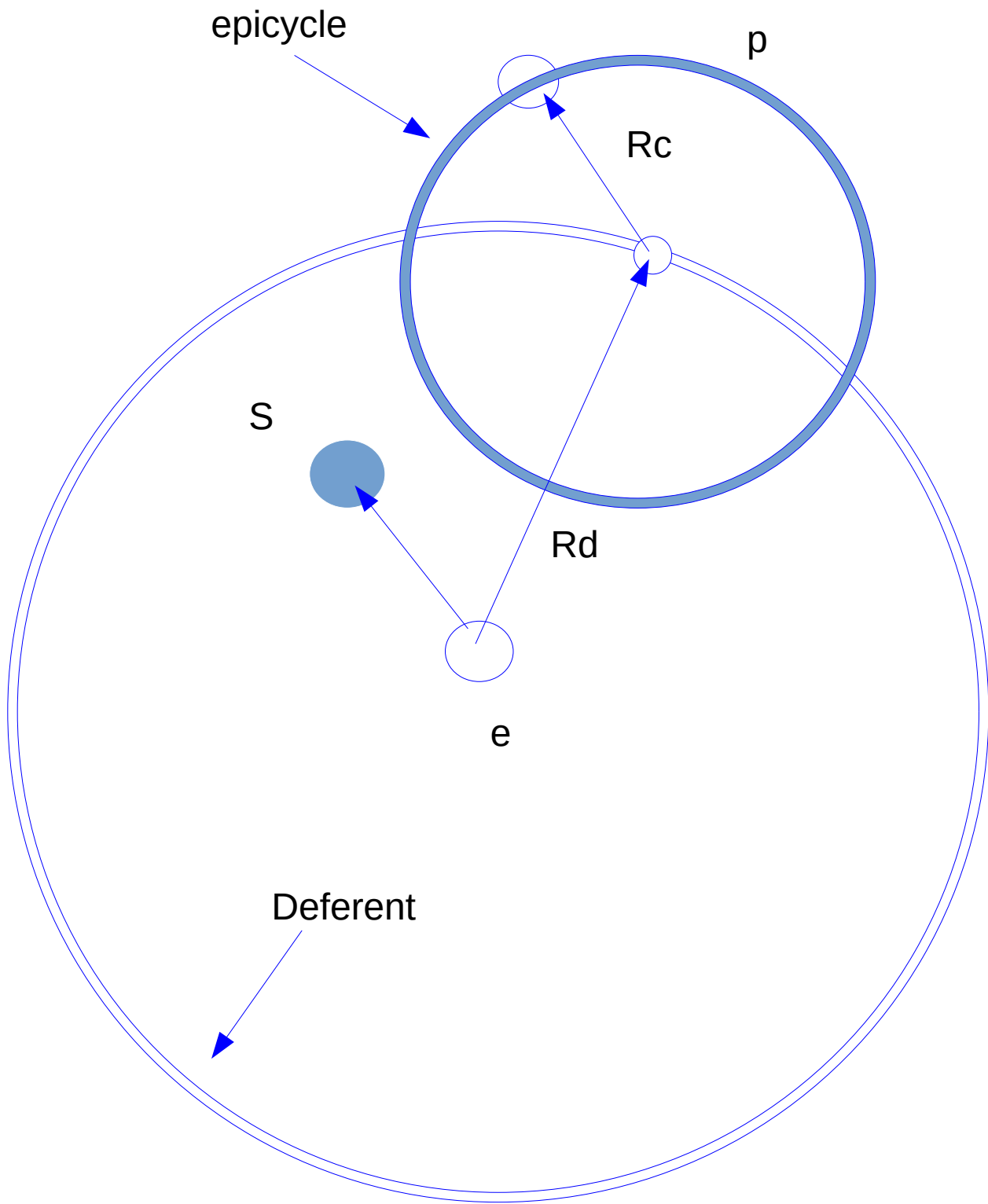


e



p

Imagine we come into our solar system and notice three bodies, S, e, p. Following the motion of these bodies over a long enough period of time we see that there is periodic motion. We decide to establish a coordinate system to keep track of their positions. Where should we set the center of the coordinate system?



Use earth as the center of the coordinate system