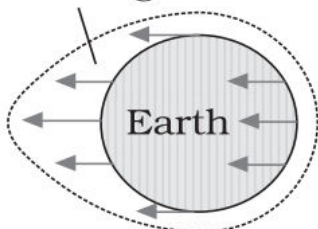


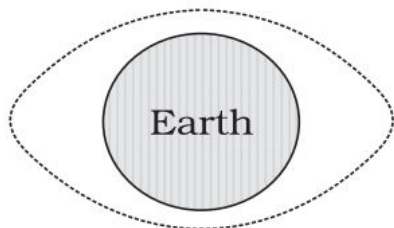
GRAVITATIONAL FORCE

Tidal bulge



CENTRIFUGAL FORCE

Two resultant tidal bulges



Gravitational and Centrifugal Forces

Relation between gravitational forces and tides