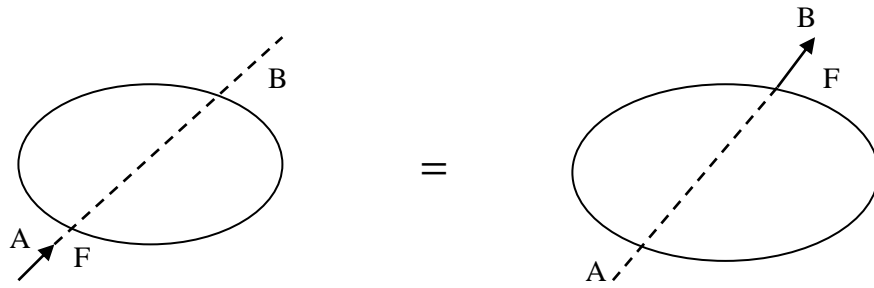


## Principle of Transmissibility



The condition of equilibrium or motion of a rigid body remain, unchanged if a force acting at a given point of the rigid body is replaced by a force of same magnitude and direction, but acting at a different point provided that the two forces have the same line of action.