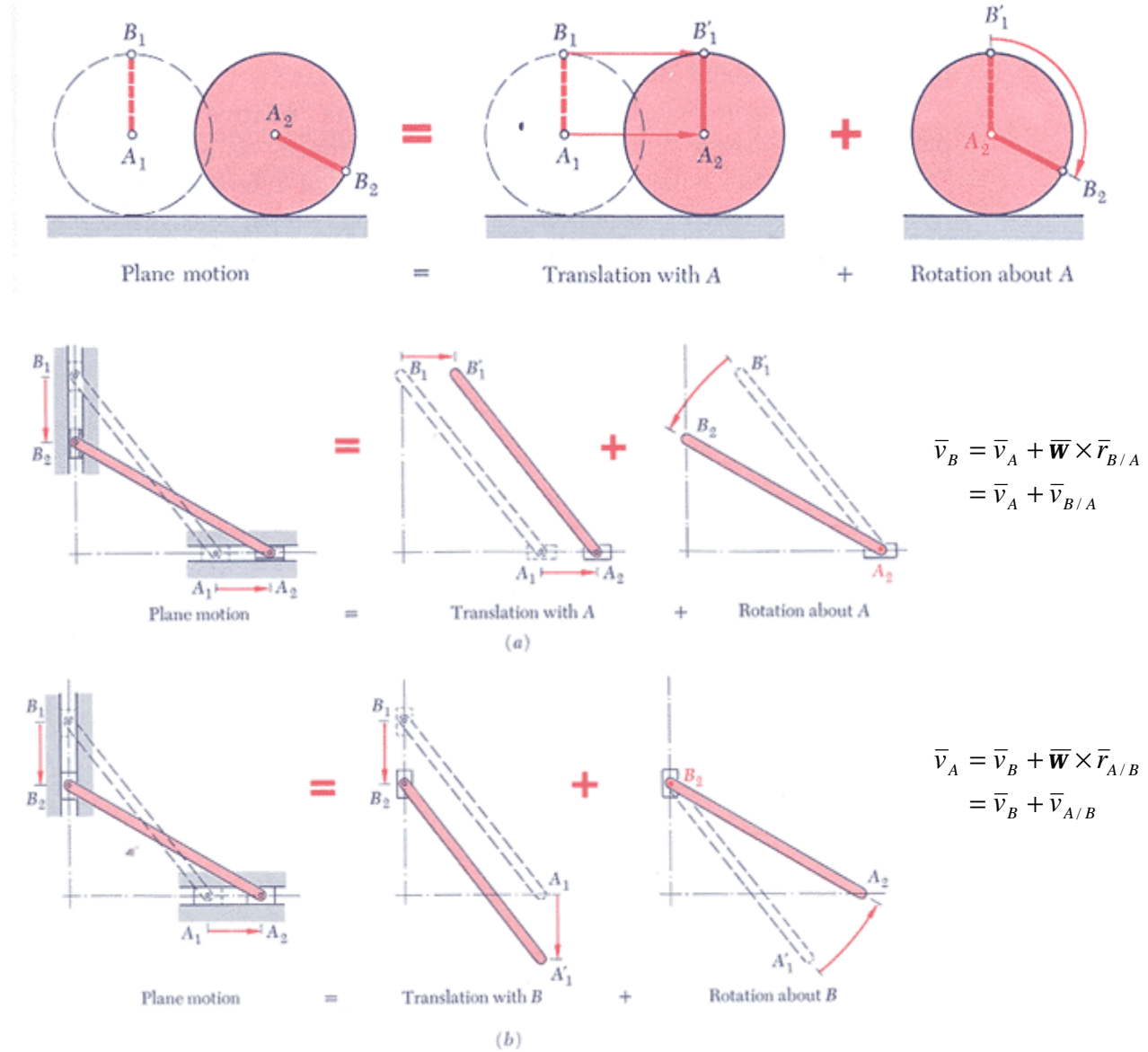


General Plane Motion

(by Z. Chambers)

General Plane Motion: General Plane motion of an object can always be considered as a sum of a translation and a rotation



So if A and B are on the same rigid body

magnitude = $\omega r_{B/A}$ for plane motion
direction is perpendicular to ω and $r_{B/A}$

so for general plane motion

equation to relate the velocity of any two points on the same rigid body