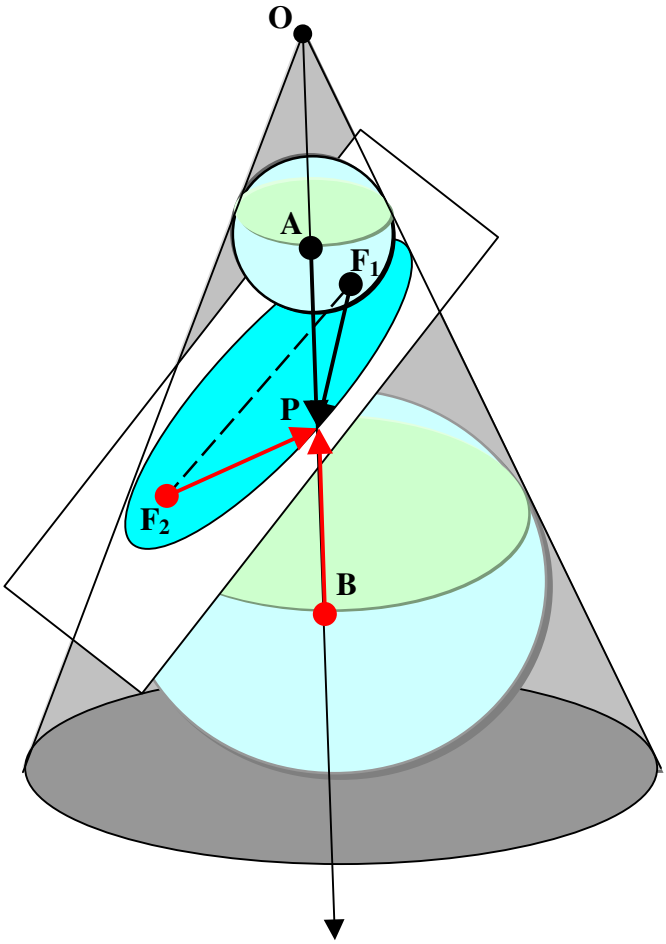
CONVERGENT or COMPOUND JOINTS:

ELLIPSE: Geometric Interpretation

Tangents to a sphere from an external point are equal.

The "stretch", **AP**, from the circular base (convergent or inclined deck) to the elliptic base (actual deck) equals the distance from the ellipse to the focus, $\mathbf{F_1P}$.

$$\mathbf{AP = F_1P}$$
$$\mathbf{BP = F_2P}$$
$$\mathbf{AP + BP = F_1P + F_2P}$$



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