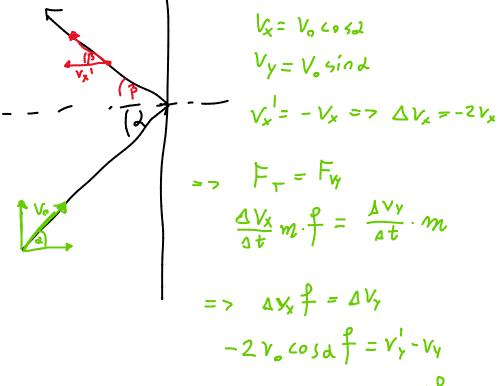
Sunday, November 6, 2022 2:07 PM



$$V_{y}' = V_{y} - 2V_{o} Los df$$

$$tan \beta = \frac{V_{y}'}{V_{x}} = tan d - 2f$$

$$V = \sqrt{V_{X}^{1^{2}} + V_{y}^{1^{2}}} = \sqrt{V_{o}^{2} \cos^{2} d + V_{o}^{2} \sin^{2} \lambda + 4 V_{o}^{2} \cos^{2} \lambda f^{2} - 4 V_{o}^{2} \sin \lambda \cos \lambda f} =$$

$$= \sqrt{0} \sqrt{1 + 4 \int_{0}^{1} \cos \lambda (\int_{0}^{1} \cos \lambda - \sin \lambda)}$$