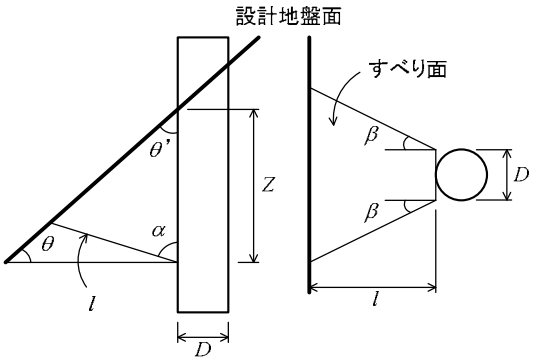
「斜面上のポールアンカー0型の考え方」

$$Rq = \frac{W(\cos\alpha + \sin\alpha \cdot \tan\phi) + c \cdot A}{\sin\alpha - \cos\alpha \cdot \tan\phi}$$

$$W = \gamma \cdot V$$
$$= \gamma \cdot \left[\frac{D}{2} + \frac{\sin\theta' \cdot \tan\beta}{\sin(\theta' + \alpha)} \cdot \frac{Z}{3} \right] \frac{\sin\theta' \cdot \sin\alpha}{\sin(\theta' + \alpha)} \cdot Z^2$$

$$A = (D + l\tan\beta)l$$
$$= \left[D + \frac{\sin\theta' \cdot \tan\beta}{\sin(\theta' + \alpha)} \cdot Z \right] \frac{\sin\theta'}{\sin(\theta' + \alpha)} \cdot Z$$



$$\frac{Rq}{F_H} > H_0$$

$$M_R = \frac{1}{3} \cdot 0.7L \cdot Rq + 0.3L \cdot S_R + \frac{1}{2} \cdot 0.3L \cdot P$$

$$P = Rq - H_0 - S_R$$

$$M_1 = M_0 + 0.7LH_0$$

$$\frac{M_R}{F_M} > M_1$$