



求两直线交点

$$\begin{cases} y = \tan(90 - \alpha)x - (d - \sin \alpha) \\ y = \tan(180 - \theta)x - \sin \alpha \cos \theta \end{cases}$$

$$x = \frac{d - (1 + \cos \theta) \sin \alpha}{\cot \alpha + \tan \alpha}$$

$$y = -\tan \theta \frac{d - (1 + \cos \theta) \sin \alpha}{\cot \alpha + \tan \alpha} - \sin \alpha \cos \theta$$

△'横坐标

$$\frac{d - (1 + \cos \theta) \sin \alpha}{\cot \alpha + \tan \alpha} + (d - \tan \theta \frac{d - (1 + \cos \theta) \sin \alpha}{\cot \alpha + \tan \alpha} - \sin \alpha \cos \theta) \tan(\alpha - 2\theta)$$