

$$\begin{aligned} & \frac{(x - DX)^2}{AX^2} + \frac{(y - DY)^2}{AY^2} < 1 \\ \&\& \min(DX1, DX2) < x - DX < \max(DX1, DX2) \\ \&\& \min(DY1, DY2) < y - DY < \max(DY1, DY2) \end{aligned} \tag{88}$$