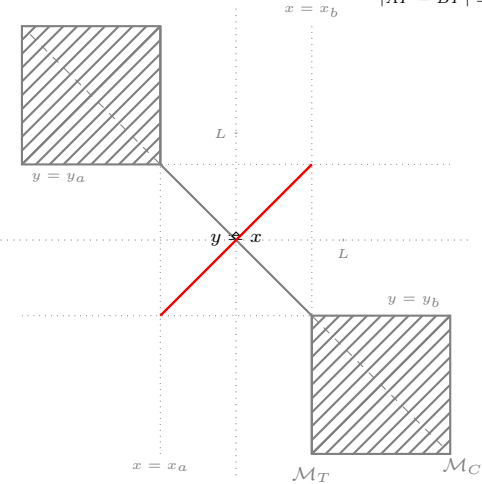


Case: $y = x$

$$|AQ - BQ| = 0.0$$

$$|AP - BP| = 0.0$$



$$\theta = 45.0^\circ$$