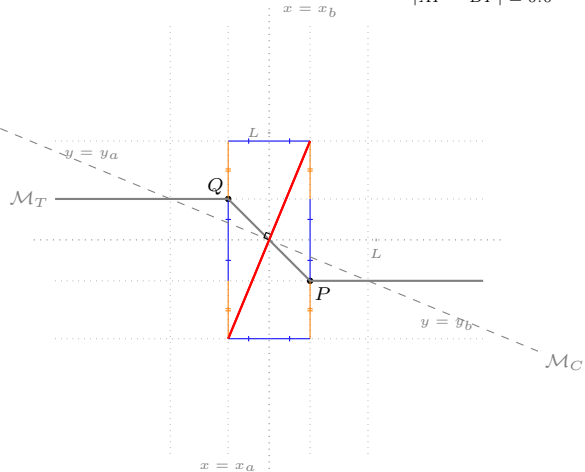


Case: II.a

$$|AQ - BQ| = 0.0$$

$$|AP - BP| = 0.0$$



$$\theta = 67.5^\circ$$