

2015 Problem 2:

P1: (240, 480)

P2: (140, 300)

$$\text{delx} = 140 - 240 = -100$$

$$\text{dely} = 300 - 480 = -180$$

$$C1 = [0 \ 0 \ 1 \ 0]$$

$$C2 = [1 \ 0 \ 0 \ 0]$$

P1 outside

Above:

$$P1.x = P1.x + (W.t - P1.y) * \text{dely} / \text{delx} = 240 + (400 - 480) * 1.8 = 96$$

$$P1.y = W.t = 400$$

End of Pass1: P1 = (96, 400), P2 = (140, 300)

Pass2: C1 = [1 0 0 0] C2 = [1 0 0 0]

TRIVIAL REJECT

The line has no endpoint