$$(x_1, y_1) \rightarrow (a_1, b_1)$$
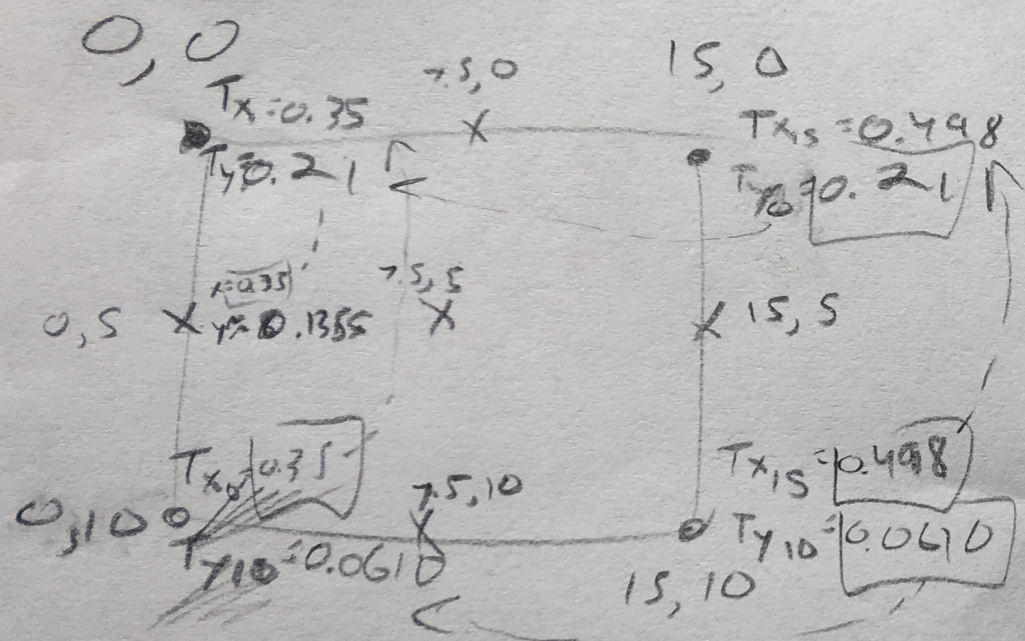
$$(x_2, y_2) \rightarrow (a_2, b_2)$$

$$(x_n, y_n) \rightarrow (a_n, b_n)$$