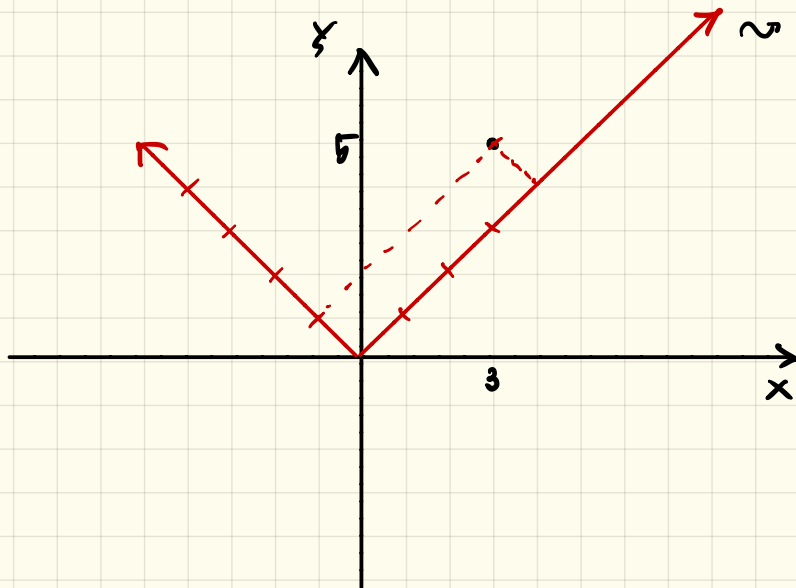


Why Rank(n) is invertible ??



$$V_1 = [1, 1]$$

$$V_2 = [-1, 1]$$

$$X = [1, 0]$$

$$Y = [0, 1]$$

$$p_L = [3 \ 5] = 3X + 5Y$$

$$= [4, 1] = 4V_1 + 1V_2 = [4 \ 4] + [-1 \ 1]$$

$$= [3 \ 5].$$