tor every yell, you have a different solution Linear systems = stratuces Linear Systems on matrices W[1 1 1 1] [xy] = [6]

[0 1 1 1] [xy] = [2] matrices coefficients (X1,X2,...,Xn)

Coefficients (X1,X2,...,Xn) M Fines For i=1...n veders in RM Comer, R= RxRxR...xR an oler-t of RM is "m" real numbers ie, R6 = (x1, x2, x1, x4, x5, x6)

(2,3,3) since who x, yER: X+yEB, it should be when a, ve R2. whatever our add Aiss should be, it it is add itim x,ye K 元+マ=(x1,xz,...)+(y1,gz x.yer $= (x_1 + y_1) \times z + y_2 \dots)$ $= (x_1 + y_1) \times z + y_2 \dots)$ $= (x_1 + y_1) \times z + y_2 \dots)$ $= (x_1 + y_1) \times z + y_2 \dots)$ $= (x_1 + y_1) \times z + y_2 \dots$ $= (x_1 + y_1) \times z + y_2$ scalar multiplication v G R CER R

normally every vector starts at arigin Is more good aldernyin > 2 points and direct cirection, and legth ũ- v= ũ+(-v) 二U+(-1·1) =(3,1)+(-1,-2) $\bar{u} = (3,1)$