Vedor Algerora ceR commulating -> ガナジニジナな 1・なこひ associativity っ ず(で+な)まはーで)かはノ existance of 0 -> 0+0=0-7 (0,0,0,...) existace of -ve - 0 + (- 12) = 0 distributive $\rightarrow c(\vec{u}+\vec{v})$ b(- u_1 , - u_2 ,- u_3 ...) $= c\vec{u}+c\vec{v}$ $\rightarrow (c+d)\vec{u}=c\vec{u}+d\vec{u}$ l→ c(da) = (ca) a ト (いりれい) ナ (いりな…)+(め)を…)」 = (u1, u2 ...) + (v1+W1, v2+w7 ...) = (U1+V1+W1, U2+V2+W2...) [(u1, Uz...) + (v1, Vz...)] + (w1, wz...) (U,+V,,Uz+Vz...)+(W1, Uz...) ("u1+v, +w1, u2+v2+ w2 ...)

Linear combined on = TER, U1, U2, U3 ... ER Ly if there are scalars C1, C2, ... ER is in the way where in = C1. U1 + C2 U2 ... Cn Un of in, u2 ū = 2·ū1 + Zūz + (-1·ū) Vú=(z,z,-1) =(2,0,0)+(0,2,0)+(0,0,-1) $\tilde{\mathbf{u}}_{1} = (1,0,0)$ なっ=(0,1,0) > connect to matrices ta $\ddot{u}_3 = (0,0,1)$ (3) = x(8) +y(9)+7(9) 5 62 - 63 = 2 2 Cz - Zcz = -1/2] = [0 0 0] [x]

Cz - Zcz = -1/2] = [0 0 0] [x] C3=3 は、マニいりナルといい cz-2(3):-1 Cz = 5 201-2(5)-C7=11 (ば,・(ジ+む)=は・ジ+な・え homogerus

11011 = Juit = Juit + 122+ ...
Hayth