











No.	
Trear) T(m+v) = T(m) + T(v) Hu, v EV
transformation	z) T(cu) = cT(u) HUNEV, YC
Kernel.	Di V > W ; linear transformation
	ker L = {v \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Dimersion	L:VIW: linear transformation
Formula.	dimV=dimkerV + dim L(V)
	= Lt rank L
n & = +1	1+0-0 () 0 = 1 = 1 = 100 + 100
Determinants	
	$\leftrightarrow \ker(A) \neq \{0\}$
	T(s) el over = dot(A). { Sel area }
	T(s)= 10)ume = det(A). Sel volume 3
Classical	ad (A) ERNXN
adjoint	(NES (A)) = (-1) 2+5 A 13 \2
	At = 1/1 0/25(A)
20.0	A sad a same
Mb.m 6	1 vector 1/pll
	$\ \chi\ ^2 = \int_{\mathbb{R}^2} \chi^2$
teneral Sormula	N
	$=\sum_{z=1}^{\infty} (1)^{z+\overline{z}} 0/x_{\overline{z}} A _{\overline{z}} S $
William I	5=1