A is mxn	Rows of A are lin. indep. (and m=n)	Rows of A are lin. dep.	Rows of A are lin indep. (and m <n)< th=""><th>Rows of A are lin. dep.</th></n)<>	Rows of A are lin. dep.
(2 ≠ x ←) 2 ≠ q	0# 29	1 solution OR No solution (DNE)	x & Span + xp	OR Solutions (DNE)
10 "19	26 de+	s o lotton	Solutions &	In cluding $\chi = \vec{0}$ - χ & Span
Solve for x Ax = 6	Columns Operations of A	lin. indep.	Columns of A	lin. dep.

A is mxn	Rows lin. indep (m=n)	Rows lin. dep.	Rows In inder	Rows lin. dep.
10 # 19	[1 2 3]	2 - 0 3 0 - 4 3	[2 3 4 2]	det=0 [0 2 3] [0 0 0 3] [0 0 0 3] [0 0 0 3]
10	[2 0 0 0]	0-0-	0 0 m - 2 - 0 - 0	Jat = 0 [0 0 0 0 0] [0 0 0 0 0] [0 0 0 0 0]
Solve A = 6	Columns I:n.	indep	Columns lin, dep.	11-