Memo No Mo Tu We Th Fr Sa Su Date /	1
LEC19. Lin 209 Formula for det A 1 afactor for	/
Tridiagonal metologs	
a b 0 b = 3 a b	combination
$ \frac{1}{2} = \frac{ a0 }{ c0 } + \frac$	b d
= ad-cb $= ad-cb$	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	0 0 0 023 0 72
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	20.00

型 图 图	
Mo Tu We Th Fr Sa Su	Memo No/ Date / /
BIG Formula for det (18)	
det A = E ± a1x a2 & azz.	anw
n! iteams	
$(\alpha, \beta, \delta, -\omega) = perhout$	calon of (1,2,n)
Example:	
0110	2 + row3
$\frac{(4, 5, 2, 1) \rightarrow +1}{1}$	2,1,4)) -
Cotacter Tormula	3x3
$det = a_{11}(a_{22}a_{23} - a_{23}a_{32})$) + a12 (a23 a31 -a21a33)
+a13 (00 a an a a a a a a a a a a a a a a a a	=)
$\begin{vmatrix} a_{11} & 0 & 0 & & 0 & a_{12} & 0 \\ 0 & a_{22} & a_{23} & & a_{21} & 0 & a_{23} \\ 0 & a_{32} & a_{23} & & a_{31} & 0 & a_{33} \end{vmatrix}$	/ + · —
	(n-1 matrix (with row's erased) colj
	add/

\Diamond	Z		R			
Мо	Tu	We	Th	Fr	Sa	Su

Memo No.			
Date	1	1	

Cotactor tormula: deta = au Cu + au Cu + au Cu (along row 2)

$$\begin{vmatrix} a & b \\ c & d \end{vmatrix} = \alpha d + b \cdot c \cdot (-1)^{2+1}$$

H4 0111

 $|A_{2}| = 1 \quad |A_{2}| = 0$ $|A_{3}| = -|$ $|A_{4}| = |\cdot| |A_{3}| - |\cdot| |A_{3}| = -|$ $|A_{p}| = |A_{n-1}| - |A_{n-2}|$ $|A_{5}| = 0, |A_{3}| = |-| |A_{n}| = |$

7 10-11011