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7) Property of Invariance:		
a, by a at ab the bi		
$a_2 b_2 c_3 = a_2 + \alpha b_2 + \beta c_2 b_3$	2 (2	
1 93 p3 c2 93 tab3 +BC3 b	3 (3	
; Determinant remains unatter	ed under an operation	
1 Tra laran		
Ci->Ci+&Cj+	<u>5Uk</u> ,	
where		
jk≠i		
or an operation of the form		
Ri Skitakith	RK	
where		
jk≠i	special of a second	
8) Factor Property: if a determinant & becomes zero		
when we put	n=a, then (Na)	
is a factor of s.		
9) Triangle Property: if all the elements of a determini		
above as below the main diagonal		
concist of zeroes, then the determinant is equal to the		
- Comusi of zeroes, men mo allermann, is equal no me,		
product of the diagonal eleme	M. · · · · · · · · · · · · · · · · · · ·	
_ a, a2 a3 a1 O C		
10 ba b3 = a2 b2 (	$= \alpha_1 b_2 c_2$	
0 0 c3   a3 b2 c	2	

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	The first day right day and with 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2 1/2	The same of the sa
10)	Determinant of cofacts	i matrix:
	$\Delta = \frac{a_{11}}{a_{21}} \frac{a_{12}}{a_{22}} \frac{a_{13}}{a_{32}}$ $= \frac{a_{21}}{a_{31}} \frac{a_{32}}{a_{32}} \frac{a_{33}}{a_{33}}$	then
	$\Delta_1 = C_1 C_{12} C_{13}$ $C_{21} C_{22} C_{23}$ $C_{31} C_{22} C_{33}$	
	where Cijdenotes the	cofactor of the element aij
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