Delveminant formulas and cofactors

natrizes a tem notos zeros longe dos diagor

aut AB = dut a dut B

acterminante

Prop.1- Identidade Prop.2- Changing rows

- keep rows 2 and 3 the same, a split first

now into 3 pieces [a 00] [0 60]

100 cJ 11 33 pieces - a lot of them would be zero.

Us que não forem zeros ->
Sucrivous tim a tou one entry for each now is for lawn
edumn-s Se linna nula ou colnula, dut-o.
$\begin{bmatrix} \alpha_{11} & \alpha_{12} & \alpha_{13} \\ \alpha_{11} & \alpha_{12} \end{bmatrix} \begin{bmatrix} \alpha_{11} & \alpha_{12} \\ \alpha_{13} & \alpha_{13} \end{bmatrix}$
ay azz azz
(m) sobrevivents:
0 an 0 1 0 an 0 1 0 0 and 0 0 and
$ \bigcirc \bigcirc$
(12 a 2 a 2 a 1 a 2 a 2 a 1 a 2 a 2 a 1 a 2 a 2
Observe que se for 4x4,
p 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Preciso
Cayo O O du 2 exchanges
7 400
+ a 14 a 22 a 32 a 41

Ealing formula p/nxn?

General formula - BIG FORMULA det A = 5 + ak a28 a30 ... anw n! terms) column from metade posit. metadenegou. (d+\B+8...)=perm.of(1,z,..,n) 4k4case > 24 sobreviventes - 4! the guy in the feet line can be chosen in n ways. 0 2°, pode sue escolhido de n-1 Ways. no caso de Aser a motro a idensidade, a unica permutação que \$ +0 & 1 & 3 ... (a, 1,0,22,0,23...) dida I o produto e o determinante e I. Podveri prover que Det AB = det A det B Det A= det At







