Determinants

Determinants of orders

Let an, a12, a21, a22 be any town numbers Creal or complex). The symbol

$$\Delta = \begin{vmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{vmatrix}$$

represents the number an are - ar, are and is called the a deturningut of . The 2 Nin a11, 912, a21, 922 are called elements The number of the determinant and the number 91,922-92,912 is called the value of determinant

Determinants of order 3

The Symbol

is called a determinants of order 3 and its value is the number

 a_{11} a_{12} a_{23} a_{24} a_{25} a_{25} a

its first now

aij - its row & j'th column dement (-1) i+j