

ZMATH 2012c.00541

Aversa, Vincenzo; De Simone, Anna

An elementary proof of Laplace's formula on determinants.

Int. J. Math. Educ. Sci. Technol. 43, No. 3, 418-420 (2012).

Summary: A well known result due to Laplace states the equivalence between two different ways of defining the determinant of a square matrix. We give here a short proof of this result, in a form that can be presented, in our opinion, at any level of undergraduate studies.

Classification: H65

Keywords: determinants; Laplace's formula; proofs

doi:10.1080/0020739X.2011.592618