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Title: A general mean value theorem

Author(s): Zsolt Páles

In this note a general Cauchy-type mean value theorem for the ratio of functional determinants is offered. It generalizes Cauchy's and Taylor's mean value theorems as well as other classical mean value theorems.

Address:

Zsolt Páles Institute of Mathematics University of Debrecen H-4032 Debrecen Egyetem tér 1 Hungary