

ZMATH 2006f.03783

Kumar Ray, Asok

Exterior product and applications in multidimensional geometry.

Math. Educ. 38, No. 3, 137-142 (2004).

Sufficient awareness is not to be found among the working mathematicians about the operation known as the exterior product or the wedge product. Non-inclusion of Grassman algebra in a standard course of linear algebra may be a cause, or perhaps, a consequence. Here we shall first introduce the notion of the exterior product and obtain its basic properties; and then enter into some applications.

Classification: H60 H70 G70

Keywords: exterior product; skew tensors; multivectors; wedge product