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Remarks on natural differential operators with tensor fields. (English) Zbl 07144744

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Summary: We study natural differential operators transforming two tensor fields into a tensor field. First, it is proved that all bilinear operators are of order one, and then we give the full classification of such operators in several concrete situations.

MSC:

58A32 Natural bundles

Cited in 1 Review

Keywords:

tensor field; natural differential operator; Lie derivative; Yano-Ako operator

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