Search or Article-id

(Help | Advanced search)

All papers | Go!

Mathematics > Differential Geometry

Integration on Non-Compact Supermanifolds

Alexander Alldridge, Joachim Hilgert, Wolfgang Palzer

(Submitted on 10 Jun 2011)

We investigate the Berezin integral of non-compactly supported quantities. In the framework of supermanifolds with corners, we give a general, explicit and coordinate-free repesentation of the boundary terms introduced by an arbitrary change of variables. As a corollary, a general Stokes's theorem is derived - here, the boundary integral contains transversal derivatives of arbitrarily high order.

Submission history

From: Alexander Alldridge PD Dr. [view email]

[v1] Fri, 10 Jun 2011 06:54:51 GMT (31kb,D)

Which authors of this paper are endorsers?

Download:

- PDF
- Other formats

Current browse context:
math.DG
< prev | **next >**
new | recent | 1106

Change to browse by:

math
math-ph

References & Citations

- NASA ADS

Bookmark(what is this?)

ScienceWISE

Link back to: arXiv, form interface, contact.