arXiv.org > math > arXiv:1206.0189

Search or Article-id

(Help | Advanced search)

All papers





Download:

- PDF
- **PostScript**
- Other formats

Current browse context:

math.AP

< prev | next > new | recent | 1206

Change to browse by:

math math-ph

References & Citations

NASA ADS

Bookmark(what is this?)











Mathematics > Analysis of PDEs

Duality methods for a class of quasilinear systems

Antonella Marini, Thomas H. Otway

(Submitted on 1 Jun 2012)

Duality methods are used to generate solutions to nonlinear Hodge systems and to reveal, via the Hodge-B\"acklund transformation, underlying symmetries among a variety of models in the physics literature.

Comments: 17 pages

Subjects: Analysis of PDEs (math.AP); Mathematical Physics (math-

ph)

MSC classes: 58A14, 58A15, 35J47, 35J62, 35M10

arXiv:1206.0189 [math.AP] Cite as:

(or arXiv:1206.0189v1 [math.AP] for this version)

Submission history

From: Thomas H. Otway [view email] [v1] Fri, 1 Jun 2012 14:09:54 GMT (15kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.