Ann. Phys. (Berlin) **19**, No. 3 – 5, 141 – 146 (2010) / **DOI** 10.1002/andp.201019003 **CONTENTS**

Special Topic Issue
Grassmannian Paths to Cosmology

Guest Editors:
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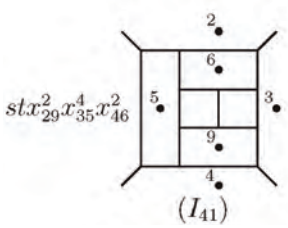
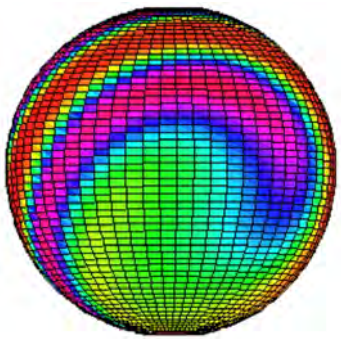
EDITORIAL

INVITED PAPERS



Starting with Grassmann's work, a short review is given of the development of 'Geometric Algebra', and the reasons why it is a useful system for describing much of physics. Applications are then discussed in cosmology, including a novel boundary condition for the universe, and efficient ways to encode Bianchi cosmology. Predictions for the Cosmic Microwave Background in such models, and in another area owing much to Grassmann (String Theory), are also discussed.



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