arXiv.org > hep-th > arXiv:1106.1847

Search or Article-id

(Help | Advanced search)

All papers



PDF

Other formats

Download:

Current browse context:

hep-th

< prev | next > new | recent | 1106

Change to browse by:

gr-qc math math-ph

References & Citations

- INSPIRE HEP (refers to | cited by)
- NASA ADS

Bookmark(what is this?)













High Energy Physics - Theory

Ward-Takahashi identities for the colored Boulatov model

Joseph Ben Geloun

(Submitted on 9 Jun 2011 (v1), last revised 12 Sep 2011 (this version, v2))

Ward-Takahashi identities of the colored Boulatov model are derived using a generic unitary field transformation. In a specific instance, this generic transformation turns out to be a symmetry of the interaction so that particular classes of reduced Ward-Takahashi identities for that symmetry are consequently identified and interpreted.

Comments: typos corrected, more comments

High Energy Physics - Theory (hep-th); General Subjects:

Relativity and Quantum Cosmology (gr-gc);

Mathematical Physics (math-ph)

Journal reference: J.Phys.A44:415402,2011

DOI: 10.1088/1751-8113/44/41/415402 Report number: pi-qq-213, ICMPA/MPA/04/2011

Cite as: arXiv:1106.1847 [hep-th]

(or arXiv:1106.1847v2 [hep-th] for this version)

Submission history

From: Joseph Ben Geloun [view email] [v1] Thu, 9 Jun 2011 16:14:16 GMT (89kb,D) [v2] Mon, 12 Sep 2011 16:27:04 GMT (95kb,D)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.