

arXiv.org > math > arXiv:1204.0377

Mathematics > Representation Theory

Search or Article-id

(<u>Help</u> | <u>Advance</u> All papers

Download:

- PDF
- PostScript
- Other formats

Current browse cont math.RT

< prev | next >

new | recent | 1204

Change to browse b

math

math.AG

References & Citatio

Bookmark(what is this?)

Comments: 61 pages. Few modifications in the presentation. Some proofs are improved or corrected
Subjects: Representation Theory (math.RT); Algebraic Geometry (math.AG)
Cite as: arXiv:1204.0377 [math.RT]
(or arXiv:1204.0377v2 [math.RT] for this version)

investigations and the Ginzburg's results, one gets that the normalizations of the isospectral

On the Commuting variety of a reductive Lie

In this note, one discusses about some varieties which are constructed analogously to the isospectral

desingularizations. For instance, this is the case of the nullcone of any cartesian power of a reductive Lie algebra and one proves that it has rational singularities. Moreover, as a byproduct of these

algebra and other related varieties

(Submitted on 2 Apr 2012 (v1), last revised 10 Oct 2012 (this version, v2))

commuting variety and the commuting variety have rational singularities.

commuting varieties. These varieties are subvarieties of varieties having very simple

Jean-Yves Charbonnel (IMJ), Mouchira Zaiter (IMJ)

Submission history

From: Jean-Yves Charbonnel [view email] [v1] Mon, 2 Apr 2012 11:41:39 GMT (57kb) [v2] Wed, 10 Oct 2012 12:22:39 GMT (56kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.