Twisted split category algebras as quasi-hereditary algebras

Robert Boltje, Susanne Danz

(Submitted on 13 Apr 2012)

A category is called {\em split} if for every morphism $s\colon X\to Y$ there exists a morphism $t\colon Y\to X$ such that $s\circ t\circ s = s$. Let C be a finite split category, let k be a field of characteristic 0 and let α be a 2-cocycle of C with values in the unit group of k. Then the twisted category algebra $k_\alpha C$ is a quasi-hereditary algebra.

Comments:	8 pages
Subjects:	**Representation Theory (math.RT)**; Group Theory (math.GR)
MSC classes:	16G10
Cite as:	**arXiv:1204.3083 [math.RT]**
	(or **arXiv:1204.3083v1 [math.RT]** for this version)

Submission history

From: Robert Boltje [view email]
[v1] Fri, 13 Apr 2012 19:37:30 GMT (10kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.

Download:

- PDF
- PostScript
- Other formats

Current browse cont
math.RT
< prev | next >
new | recent | 1204

Change to browse b
math
math.GR

References & Citatio
- NASA ADS

Bookmark(what is this?)