

arXiv.org > math > arXiv:1107.0444

Search or Article-id



(Help | Advanced search)

Mathematics > Representation Theory

Stratifications of derived categories from tilting modules over tame hereditary algebras

Hongxing Chen, Changchang Xi

(Submitted on 3 Jul 2011)

n this paper, we consider the endomorphism algebras of infinitely generated tilting modules of the form $R_{\rm U} = 0 \ R_{\rm U} \$ (mathcal U)/R\$ over tame hereditary $k^- R_{\rm U} \$ (mathcal U) oplus R_{(mathcal U)} is the universal localization of $R^$ at an arbitrary set $\$ (mathcal{U}) of simple regular $R^- \$ modules, and show that the derived module category of $\ R_{\rm U} \$ is a recollement of the derived module category $\ R_{\rm U} \$ of $R^- \$ and the derived module category $\ R_{\rm U} \$ of $R^- \$ and the derived module category $\ R_{\rm U} \$ of $R^- \$ and the derived module category $\$ of $R^- \$ and the derived module category $\$ of $R^- \$ and the derived module category $\$ of the ad $\$ oplus $R_{\rm U} \$ over $R^- \$ and the derived module category $\$ over $R^- \$ (mathcal{U}) oplus $R^- \$ mathcal{U} oplus $R^- \$ mathcal $R^- \$ mathcal{U} oplus $R^- \$ mathcal{U} oplus $R^- \$ mathcal $R^- \$ mathcal{U} oplus $R^- \$ mathcal $R^- \$ mathcal

Comments:	28 pages
Subjects:	Representation Theory (math.RT) ; Rings and Algebras (math.RA)
Cite as:	arXiv:1107.0444 [math.RT]
	(or arXiv:1107.0444v1 [math.RT] for this version)

Submission history

From: Changchang Xi [view email] [v1] Sun, 3 Jul 2011 10:25:10 GMT (35kb)

Which authors of this paper are endorsers?

Download:

- PDF
- PostScript
- Other formats

Current browse context: math.RT

- < prev | next >
- new | recent | 1107

Change to browse by:

math math.RA

##