Cornell University Library

We gratefully acknowledge supp
the Simons Fo
and member ins

arXiv.org > math > arXiv:1107.3508

Mathematics > Combinatorics

A multivariate "inv" hook formula for forests

Florent Hivert, Victor Reiner

(Submitted on 18 Jul 2011)

Bjoerner and Wachs provided two q-generalizations of Knuth's hook formula counting linear extensions of forests: one involving the major index statistic, and one involving the inversion number statistic. We prove a multivariate generalization of their inversion number result, motivated by specializations related to the modular invariant theory of finite general linear groups.

Subjects:	**Combinatorics (math.CO)**
MSC classes:	05A15, 05A10
Cite as:	**arXiv:1107.3508 [math.CO]**
	(or **arXiv:1107.3508v1 [math.CO]** for this version)

Submission history

From: Victor Reiner [view email]
[v1] Mon, 18 Jul 2011 17:26:10 GMT (16kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.

Download:

- PDF
- PostScript
- Other formats

Current browse cont
math.CO
< prev | next >
new | recent | 1107

Change to browse b

math

References & Citatio

- NASA ADS

Bookmark(what is this?)

ScienceWISE