

CoCoALib - Feature #174

IsStdGraded: add for PPOrdering, PPMonoid, (Sparse)PolyRing..

01 Jun 2012 17:43 - Anna Maria Bigatti

Status:	New	Start date:	01 Jun 2012
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	New Function	Estimated time:	0.00 hour
Target version:	CoCoALib-1.0	Spent time:	0.20 hour
Description			
Which types should offer IsStdGraded ?			
Port it also to CoCoA-5			
Related issues:			
Related to CoCoALib - Feature #310: ordering and grading (weights) matrix		Closed	13 Feb 2013

History

#1 - 08 Jun 2012 22:16 - John Abbott

Should modules also have an IsStdGraded?

Note we have already used the abbrev std for standard (e.g. **StdDeg**)

What is the defn of standard graded?

1. All indets have deg 1
2. All indets have the same (non-zero) deg

#2 - 19 Jun 2012 17:02 - Anna Maria Bigatti

- Subject changed from *IsStandardGraded: add for PPOrdering, PPMonoid, (Sparse)PolyRing..* to *IsStdGraded: add for PPOrdering, PPMonoid, (Sparse)PolyRing..*

#3 - 19 Jun 2012 17:04 - Anna Maria Bigatti

John Abbott wrote:

Should modules also have an IsStdGraded?

Note we have already used the abbrev std for standard (e.g. **StdDeg**)

true: I changed the title

What is the defn of standard graded?

1. All indets have deg 1

This one (in particular GradingDim is 1)

1. All indets have the same (non-zero) deg

#4 - 01 Aug 2014 08:59 - Anna Maria Bigatti

- Target version set to CoCoALib-1.0