

CoCoALib - Feature #1053

New function: IdealOfGBasis, IdealOfMinGens in CoCoALib

26 Apr 2017 18:00 - Anna Maria Bigatti

Status:	Closed	Start date:	26 Apr 2017
Priority:	Normal	Due date:	
Assignee:	Anna Maria Bigatti	% Done:	100%
Category:	New Function	Estimated time:	1.01 hour
Target version:	CoCoALib-0.99560	Spent time:	1.20 hour
Description			
port these 2 functions in cocoalib.			
Related issues:			
Related to CoCoA-5 - Feature #996: New function: IdealOfGBasis		Closed	12 Jan 2017
Related to CoCoA-5 - Design #1020: Rename minimalized(I) into IdealOfMinGens(I)?		Closed	06 Mar 2017
Related to CoCoALib - Feature #1126: New function: SubmoduleOfMinGens		Closed	20 Nov 2017

History

#1 - 26 Apr 2017 18:02 - Anna Maria Bigatti

- Category set to New Function
- Status changed from New to Feedback
- Assignee set to Anna Maria Bigatti
- Target version set to CoCoALib-0.99550 spring 2017
- % Done changed from 0 to 90
- Estimated time set to 1.01 h

Moved from cocoa-5 to cocoalib, updated calling code, and documented.

#2 - 26 Apr 2017 18:02 - Anna Maria Bigatti

- Related to Feature #996: New function: IdealOfGBasis added

#3 - 26 Apr 2017 18:02 - Anna Maria Bigatti

- Related to Design #1020: Rename minimalized(I) into IdealOfMinGens(I)? added

#4 - 26 Apr 2017 19:56 - John Abbott

Is the intention that the gens given are **the reduced GBasis** (wrt ring ordering)?  
Or do you want to allow any GBasis?

#5 - 26 Apr 2017 21:56 - Anna Maria Bigatti

John Abbott wrote:

Is the intention that the gens given are **the reduced GBasis** (wrt ring ordering)?

Good question. I'd say yes, the reduced GBasis.

**#6 - 29 Apr 2017 08:35 - Anna Maria Bigatti**

- *Status changed from Feedback to Resolved*
- *% Done changed from 90 to 80*

Still missing: copy flags.

**#7 - 29 Apr 2017 08:35 - Anna Maria Bigatti**

- *Target version changed from CoCoALib-0.99550 spring 2017 to CoCoALib-0.99560*

**#8 - 20 Nov 2017 16:05 - Anna Maria Bigatti**

- *Related to Feature #1126: New function: SubmoduleOfMinGens added*

**#9 - 20 Nov 2017 16:07 - Anna Maria Bigatti**

- *Status changed from Resolved to Closed*
- *% Done changed from 80 to 100*