

CoCoALib - Feature #11

Bareiss algorithm

20 Oct 2011 14:20 - Anna Maria Bigatti

Status:	Closed	Start date:	20 Oct 2011
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	New Function	Estimated time:	0.51 hour
Target version:	CoCoALib-0.99650 November 2019	Spent time:	0.40 hour
Description Computing the determinant of a matrix using Bareiss algorithm. Original paper: http://www.ams.org/journals/mcom/1968-22-103/S0025-5718-1968-0226829-0/S0025-5718-1968-0226829-0.pdf			
Related issues:			
Related to CoCoA-5 - Support #242: CoCoA-5 Projects for students (e.g. credit...		In Progress	28 Sep 2012
Related to CoCoALib - Bug #956: determinant: fails for 0x0 matrix (SEGV)		Closed	27 Oct 2016
Related to CoCoALib - Slug #691: Matrix determinant over ZZ		Closed	29 Apr 2015

History

#1 - 08 Nov 2011 10:55 - Anna Maria Bigatti

- Category set to New Function

#2 - 09 Oct 2012 14:49 - John Abbott

Any progress?

#3 - 19 Oct 2012 14:57 - John Abbott

- Status changed from New to Resolved

#4 - 01 Apr 2014 17:35 - Anna Maria Bigatti

- Target version set to CoCoALib-0.99533 Easter14

#5 - 04 Apr 2014 17:46 - John Abbott

- Target version changed from CoCoALib-0.99533 Easter14 to CoCoALib-1.0

#6 - 27 Oct 2016 13:59 - John Abbott

- % Done changed from 0 to 10

What is the status of this issue?

I believe the code is there (and presumably has been active for some time).

#7 - 27 Oct 2016 14:13 - John Abbott

- Related to Bug #956: determinant: fails for 0x0 matrix (SEGV) added

#8 - 03 May 2019 11:39 - John Abbott

- Status changed from Resolved to Closed

- Assignee set to John Abbott

- Target version changed from CoCoALib-1.0 to CoCoALib-0.99700

- % Done changed from 10 to 100

This was done ages ago. It has been working trouble-free for over 2 years.
Closing.

#9 - 03 May 2019 11:39 - John Abbott

- *Related to Slug #691: Matrix determinant over ZZ added*

#10 - 10 Oct 2019 18:45 - Anna Maria Bigatti

- *Target version changed from CoCoALib-0.99700 to CoCoALib-0.99650 November 2019*

- *Estimated time set to 0.51 h*