

CoCoALib - Support #1338

Release CoCoALib-0.99700

15 Oct 2019 13:49 - Anna Maria Bigatti

Status:	Closed	Start date:	15 Oct 2019
Priority:	Normal	Due date:	
Assignee:	Anna Maria Bigatti	% Done:	100%
Category:	Various	Estimated time:	2.66 hours
Target version:	CoCoALib-0.99700	Spent time:	2.55 hours
Description Everything related to making a CoCoALib release: <ul style="list-style-type: none">• Redmine Roadmap: close or postpone issue• Redmine Release issues: check percentages, check timings• Finalize• make veryclean; make (full make, with all tests and examples and CoCoA-5..)• cd src/tests/; make valgrind• cd src/CoCoA-5; make ManExamples• ~/shell-scripts/cocoalib-cvs-snapshot• upload examples• upload manual• update webpage• publish manual (arXiv? ResearchGate?)• close release on Redmine --> send message to facebook page			
Related issues:			
Related to CoCoALib - Support #1276: Release 0.99650		Closed	29 Apr 2019
Related to CoCoALib - Support #1149: Release: CoCoALib-0.99600 (together wit...		Closed	17 Jan 2018 06 Aug 2018
Related to CoCoALib - Bug #1449: Bivariate factor bug: sometimes a factor is ...		Closed	20 Apr 2020

History

#1 - 15 Oct 2019 13:50 - Anna Maria Bigatti

- Description updated

#2 - 15 Oct 2019 13:51 - Anna Maria Bigatti

- Related to Support #1276: Release 0.99650 added

#3 - 15 Oct 2019 13:51 - Anna Maria Bigatti

- Related to Support #1149: Release: CoCoALib-0.99600 (together with CoCoA-5.2.4) added

#4 - 15 Oct 2019 13:55 - Anna Maria Bigatti

- Description updated

Add to this list as we do things (or remember things we have already done)

List of principal changes made:

Bug fix:

- factor could occasionally return a reducible factor (this bug is **old**, but only recently reported)

New functions

- GetCol, GetCols, GetRow, GetRows
- SylvesterMat ([#1334](#))
- LawrenceMat ([#1427](#))

- IndetsIn and IndetsProd (redmine [#658](#))
- IsZeroDet (impl is still just a prototype)
- CoeffVecWRTSupport (for Vietnam school)
- DicksonPoly(x, N, alpha)
- FixedDivisor(f)
- HomogCompt(f,d)
- IsSquare(N)
- IsEvenPoly(f), IsOddPoly(f)
- HasPositiveGrading(Kxyz)
- RandomPermutation(L)
- LawrenceMat(M)

Changed functions

- new API for CpuTimeLimit object
- renamed jacobian to JacobianMat (see redmine [#1334](#))
- fn IsZeroDim has been improved (was buggy)
- fn RowReducedForm replaced by rref

New/renamed files

- SparsePolyOps-RingElem-homog.C

#5 - 13 Feb 2020 10:55 - John Abbott

- Category set to Various
- Status changed from New to In Progress
- % Done changed from 0 to 50

#6 - 09 Mar 2020 10:25 - Anna Maria Bigatti

updated starting page: <https://cocoa.dima.unige.it/redmine/>

#7 - 09 Mar 2020 16:08 - John Abbott

- % Done changed from 50 to 80

#8 - 20 Mar 2020 13:06 - John Abbott

- Assignee set to Anna Maria Bigatti

The section in the web page with "Notes" looks a bit strange: e.g. "New and renamed files" seems to have two empty entries (why?)

#9 - 29 Apr 2020 12:43 - John Abbott

- Related to Bug #1449: Bivariate factor bug: sometimes a factor is reducible added

#10 - 20 May 2020 13:30 - John Abbott

- *Status changed from In Progress to Closed*
- *% Done changed from 80 to 100*
- *Estimated time set to 2.66 h*

We never officially released 0.99700 because issue [#1449](#) came up just as we were about to announce. So officially 0.99700 does not exist; it is replaced by 0.99710.

Closing.