

CoCoALib - Issues

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
1812	CoCoALib		Normal	Documentation: indexXX.html should be recompiled if version has changed		29 Mar 2024 10:37	Documentation	0
1810	CoCoALib		Normal	Release CoCoALib 0.99900		29 Mar 2024 09:00	Various	0
1809	CoCoALib		Normal	Make ex-syz.C	Anna Maria Bigatti	28 Mar 2024 08:45	Documentation	10
1808	CoCoALib		Normal	New constructor for PolyRing with elimination ordering	Anna Maria Bigatti	28 Mar 2024 07:35	New Function	10
1807	CoCoALib		Normal	Error codes: "Not..." for "blah must be ..." -- change prefix		26 Mar 2024 14:22	Renaming	0
1803	CoCoALib		Normal	Improve trivial operations with ideal whose GBasis is [1]	Anna Maria Bigatti	25 Mar 2024 19:06		0
1797	CoCoALib		Normal	Add a function CleanupGens making some easy cleaning on the generators?		25 Mar 2024 19:16	New Function	0
1796	CoCoALib		Normal	myFinalizeGBasis ("Final clean up") should be more flexible	Anna Maria Bigatti	22 Mar 2024 16:19	Improving	30
1791	CoCoALib		Urgent	Fix Google-search link in the html documentation	Anna Maria Bigatti	14 Mar 2024 09:24	Documentation	100
1789	CoCoALib		Urgent	GradingMat with negative weights should complain (or deal with them properly!!)	Anna Maria Bigatti	18 Mar 2024 16:15	Improving	100
1788	CoCoALib		Normal	New MatrixView/function "FirstRows/FirstCols"?	Anna Maria Bigatti	20 Mar 2024 15:53	New Function	100
1786	CoCoALib		Normal	Add new function for IsInRadical for monomial ideals? (RadicalMembership)	Anna Maria Bigatti	01 Mar 2024 18:37	Improving	10
1785	CoCoALib		Normal	Add function IsHomog3(l)?		01 Mar 2024 14:53	New Function	0
1784	CoCoALib		Normal	Add flag IhaveHomogGensValue for ideals in SparsePolyRing?		01 Mar 2024 14:36	Data Structures	0
1782	CoCoALib		Normal	Make CoCoALib test file for radical	Anna Maria Bigatti	01 Mar 2024 09:44	Tidying	0
1780	CoCoALib		Normal	radical for ideals in SparsePolyRing: code in C++	Anna Maria Bigatti	22 Mar 2024 09:13	New Function	100
1779	CoCoALib		Normal	Radical error with lex (again)	Anna Maria Bigatti	23 Feb 2024 12:28	Various	100
1775	CoCoALib		Normal	CoCoALib releases on redmine	Anna Maria Bigatti	12 Jan 2024 13:29	Documentation	70
1767	CoCoALib		Normal	Finalize design for ideals in CoCoALib		08 Mar 2024 17:26	Data Structures	10
1763	CoCoALib		Normal	implement ideal(R) for zero ideal, with no generators?	Anna Maria Bigatti	16 Feb 2024 18:01	New Function	100
1744	CoCoALib		Normal	Implement GBMill (aka Groebner Framework)	Anna Maria Bigatti	25 May 2023 14:30	Data Structures	10
1743	CoCoALib		Normal	Implement Truncated GBases for homogeneous input	Anna Maria Bigatti	19 May 2023 15:42	New Function	0
1742	CoCoALib		Normal	MinGens could be faster	Anna Maria Bigatti	18 May 2023 13:44	Improving	10
1740	CoCoALib		High	MinGens gives non minimal gens *if some deg=0*	Anna Maria Bigatti	22 Mar 2024 18:04	Maths Bugs	30
1739	CoCoALib		Normal	IsHomog for ideals	Anna Maria Bigatti	01 Mar 2024 14:57	Improving	100
1729	CoCoALib		Urgent	Bug HilbertPoly of zero-dimensional ideals	Anna Maria Bigatti	12 Apr 2023 14:45	Maths Bugs	100
1720	CoCoALib		Normal	DivAlg in CoCoALib	Anna Maria Bigatti	25 Mar 2024 17:55	Tidying	20
1704	CoCoALib		Normal	Symlink directory for external files needed by CoCoA-5	Anna Maria Bigatti	18 Mar 2024 09:29	Tidying	0
1700	CoCoALib		Normal	boost_1_80_0	John Abbott	23 Nov 2022 17:36	Documentation	100

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1665	CoCoALib		Normal	Compilation on Windows: problems for normaliz	Anna Maria Bigatti	18 Mar 2024 09:27	Documentation	0
1662	CoCoALib		Normal	txt2tags: problem with filenames containing "_" or "-"	Anna Maria Bigatti	09 Apr 2024 14:21	Documentation	80
1654	CoCoALib		Normal	New function IsInSymbols		12 May 2023 08:03		0
1649	CoCoALib		Normal	Add file SparsePolyOps-vector.C	Anna Maria Bigatti	25 Mar 2024 17:49	Tidying	100
1645	CoCoALib		Normal	Implement monic0(f) for the case monic(0)?		16 Feb 2024 09:38	Improving	10
1598	CoCoALib		Normal	RingHom: implement phi(X) as apply(phi, X) also for X vector and matrix	Anna Maria Bigatti	18 Feb 2022 15:24	Improving	100
1592	CoCoALib		High	Normaliz 3.8.10	Anna Maria Bigatti	28 Jan 2022 17:34	Various	100
1591	CoCoALib		High	Compilation of Normaliz	Anna Maria Bigatti	07 Mar 2022 10:06	Documentation	100
1589	CoCoALib		Normal	IdealOfPoints: allow matrix of points to be defined over "wrong" ring	Anna Maria Bigatti	04 Feb 2022 22:07	Improving	100
1571	CoCoALib		Normal	ker_H needs care	Anna Maria Bigatti	16 Feb 2024 17:49	Maths Bugs	10
1528	CoCoALib		Normal	MacOS compilation with clang	John Abbott	23 Feb 2022 11:38	Tidying	100
1452	CoCoALib		High	Release CoCoALib-0.99710	Anna Maria Bigatti	09 Oct 2020 14:16	Various	100
1434	CoCoALib		Normal	GBasisByHomog for DegLex	Anna Maria Bigatti	06 Mar 2020 17:41	Improving	100
1433	CoCoALib		Normal	HilbertDriven Buchberger Algorithm	Anna Maria Bigatti	16 Feb 2024 18:02	New Function	0
1427	CoCoALib		Normal	New function: LawrenceMat	Anna Maria Bigatti	06 Mar 2020 16:35	New Function	100
1422	CoCoALib		Normal	Remove flag IhaveGBasisValue?	Anna Maria Bigatti	16 Feb 2024 17:56	Data Structures	10
1417	CoCoALib		Normal	RadicalZeroDim with extra parameter for GBasis timeout	Anna Maria Bigatti	16 Mar 2024 21:42	Improving	20
1416	CoCoALib		Normal	IdealOfProjectivePoints and MinGens	Anna Maria Bigatti	04 Mar 2020 14:19	Maths Bugs	100
1414	CoCoALib		High	Make class RingElemVector?		25 Apr 2024 21:53	Data Structures	20
1409	CoCoALib		Normal	myTestIsPrimary & Co. : fix design	Anna Maria Bigatti	30 Apr 2020 14:20	Safety	100
1389	CoCoALib		Normal	myZeroPtr and myOnePtr	John Abbott	13 Jan 2020 12:07	Data Structures	100
1366	CoCoALib		Normal	Should configure remove the file ERR_MESSAGES if it's empty?	John Abbott	12 Feb 2020 15:57	Tidying	100
1347	CoCoALib		Normal	New function: ctor of PPVector with vector<RingElem>	Anna Maria Bigatti	29 Oct 2019 19:44	Improving	100
1345	CoCoALib		High	Problem with linking the library	Anna Maria Bigatti	19 Oct 2019 20:28	Safety	100
1338	CoCoALib		Normal	Release CoCoALib-0.99700	Anna Maria Bigatti	20 May 2020 13:30	Various	100
1337	CoCoALib		Normal	PrimaryDecomposition: a interesting/pathological example	Anna Maria Bigatti	08 Mar 2023 21:13	Improving	10
1336	CoCoALib		Normal	Rename SparsePolyOps-MonomialIdeal into SparsePolyOps-IdealMonomial?	Anna Maria Bigatti	15 Oct 2019 17:33	Renaming	100
1332	CoCoALib		Normal	New function: vector of RingElem from string -- in CoCoALib	Anna Maria Bigatti	29 Oct 2019 16:21	New Function	100
1330	CoCoALib		Normal	New syntax for NewQuotientRing	Anna Maria Bigatti	15 Oct 2019 17:52	Improving	100
1329	CoCoALib		Normal	New syntax for creating homomorphisms (PolyAlgebraHom)	Anna Maria Bigatti	09 Nov 2020 10:03	Improving	100
1326	CoCoALib		Normal	Modify function myElim so that it returns ideal? (not quite)	Anna Maria Bigatti	18 Mar 2024 16:03	Tidying	100
1295	CoCoALib		Urgent	Never use "using namespace .." in header files	John Abbott	29 Oct 2019 12:00	Portability	100

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1255	CoCoALib		Normal	Ideals with trivial GBasis		08 Mar 2023 19:49	Improving	0
1254	CoCoALib		Normal	New function: MinPoly for pseudo-zero-dimensional ideals	Anna Maria Bigatti	07 Mar 2024 20:25	New Function	0
1251	CoCoALib		Normal	New function: radical for monomial ideal	Anna Maria Bigatti	15 Oct 2019 15:29	New Function	100
1238	CoCoALib		Urgent	ReadExpr is too slow on long lists of monomial with many indets: ---> use RingElems instead	Anna Maria Bigatti	12 Feb 2020 09:44	Improving	100
1212	CoCoALib		Normal	New function: GBasisByHomog	Anna Maria Bigatti	22 Mar 2024 14:32	New Function	100
1211	CoCoALib		High	HilbertSeries should check grading	Anna Maria Bigatti	03 Oct 2019 10:37	Maths Bugs	100
1209	CoCoALib		High	New function: HasPositiveGrading	Anna Maria Bigatti	03 Oct 2019 10:43	New Function	100
1208	CoCoALib		Normal	New function: Threadsafe RandomLinearForm (CoCoALib)		01 Oct 2019 11:28	Safety	0
1207	CoCoALib		Normal	New function: SubmoduleOfGBasis		18 Mar 2024 09:33	New Function	0
1206	CoCoALib		Normal	syz, SyzOfGens: which shifts for zero?	Anna Maria Bigatti	28 Mar 2024 10:15	Maths Bugs	100
1205	CoCoALib		Urgent	SyzOfGens: bug with zero generators	Anna Maria Bigatti	03 Aug 2018 18:09	Improving	100
1203	CoCoALib		Normal	factor over algebraic extensions	Anna Maria Bigatti	31 Jul 2018 13:13	Improving	100
1195	CoCoALib		Normal	Release: CoCoALib-0.99580 (together with CoCoA-5.2.4)		06 Aug 2018 16:16	Various	100
1184	CoCoALib		Normal	should BeginIter(RingElem) be in SparsePolyIter or in SparsePolyOps-RingElem?	John Abbott	12 Feb 2020 18:17	Tidying	100
1182	CoCoALib		Normal	"mod" for BigInt	John Abbott	03 Aug 2018 16:27	Tidying	100
1179	CoCoALib		Normal	Clean up SparsePolyOps-MonomialIdeals	Anna Maria Bigatti	22 Mar 2024 09:33	Tidying	20
1178	CoCoALib		Normal	New function: myPrimaryDecomposition_0dim	Anna Maria Bigatti	03 Aug 2018 17:41	New Function	100
1177	CoCoALib		Normal	File names: use "SparsePolyOps" prefix for pertinent files	Anna Maria Bigatti	03 Aug 2018 16:18	Various	100
1169	CoCoALib		Normal	New function: RandomLinearForm (CoCoALib)	Anna Maria Bigatti	02 Aug 2018 16:59	New Function	100
1168	CoCoALib		Normal	ideal: does const ourGetPtr really need to be private?		08 Mar 2024 17:26	Data Structures	40
1165	CoCoALib		Normal	MinPoly over QQ: verification may be very slow	Anna Maria Bigatti	03 Aug 2018 17:37	Improving	100
1163	CoCoALib		Normal	Split SparsePolyRing.C in smaller files	Anna Maria Bigatti	02 Aug 2018 17:04	Renaming	100
1159	CoCoALib		Normal	Add global enum "verify/DontVerify"	John Abbott	25 Jun 2018 15:06	Data Structures	100
1158	CoCoALib		Normal	New function: MinPolyQuotHeuristic --> MinPolyQuot with VerificationLevel	Anna Maria Bigatti	02 Aug 2018 16:42	New Function	100
1149	CoCoALib		Normal	Release: CoCoALib-0.99600 (together with CoCoA-5.2.4)	Anna Maria Bigatti	09 Aug 2018 10:36	Various	100
1145	CoCoALib		Normal	File names, coding conventions: Fns, Ops, Operations? part 2	John Abbott	03 Aug 2018 16:17	Renaming	100
1144	CoCoALib		Normal	File names, coding conventions: Fns, Ops, Operations? part 1		19 Dec 2017 07:44	Renaming	100
1143	CoCoALib		Urgent	Polynomial multiplication wrong for non integral rings	John Abbott	20 Dec 2017 15:48	Maths Bugs	100
1132	CoCoALib		Normal	Canonical homomorphism for (some) polynomial rings?	Anna Maria Bigatti	08 Mar 2024 18:01	New Function	0
1130	CoCoALib		Normal	SqFreeFactor: should it work over ZZ?		05 Apr 2019 15:39	Improving	10
1126	CoCoALib		Normal	New function: SubmoduleOfMinGens	Anna Maria Bigatti	02 Aug 2018 16:20	New Function	100

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1115	CoCoALib		Normal	New class: exterior algebra	John Abbott	31 Jan 2024 21:59	Data Structures	20
1101	CoCoALib		High	Bug in MinPolyModular (insufficient rational reconstruction)	Anna Maria Bigatti	15 Dec 2017 16:42	Maths Bugs	100
1094	CoCoALib		Normal	Revive code for SelfSaturating GBasis	Anna Maria Bigatti	22 Mar 2024 14:38	New Function	50
1090	CoCoALib		Normal	ExternalLib-MathSAT: first prototype	Anna Maria Bigatti	19 Dec 2017 07:50	New Function	100
1081	CoCoALib		Normal	ideal() * RingElem gives error	Anna Maria Bigatti	08 Nov 2017 17:03	Maths Bugs	100
1070	CoCoALib		Normal	Slug: MakeTermOrd (rk calls in RemoveRedundantRows)	Anna Maria Bigatti	17 May 2017 13:47	Improving	10
1066	CoCoALib		Normal	Documentation: translation table	Anna Maria Bigatti	08 Mar 2024 18:16	Documentation	30
1065	CoCoALib		Normal	Design: should we allow an ideal to change ring?	John Abbott	07 Sep 2023 08:25	Data Structures	100
1064	CoCoALib		Normal	Bug in MinPolyModular (ugly prime)	Anna Maria Bigatti	10 Nov 2017 12:16	Improving	100
1063	CoCoALib		Normal	Catching an (expected) error	Anna Maria Bigatti	08 Nov 2017 14:24	Documentation	100
1059	CoCoALib		Normal	Printing ring for ideals (or just for ideals 0 and 1)		05 May 2017 16:58	Improving	10
1058	CoCoALib		Normal	CoCoALib version in Documentation and Examples	Anna Maria Bigatti	19 Dec 2017 07:50	Documentation	100
1057	CoCoALib		High	Slug: Polynomial ring constructor slow with (big) matrix ordering	Anna Maria Bigatti	22 Mar 2024 09:31	Improving	50
1056	CoCoALib		Normal	Release: CoCoALib-0.99560 (together with CoCoA-5.2.2)	Anna Maria Bigatti	17 Jan 2018 12:09	Various	100
1053	CoCoALib		Normal	New function: IdealOfGBasis, IdealOfMinGens in CoCoALib	Anna Maria Bigatti	20 Nov 2017 16:07	New Function	100
1052	CoCoALib		Normal	ReadExpr(P, string) and RingElem(P, string) in CoCoALib	Anna Maria Bigatti	10 Nov 2017 12:34	Improving	100
1035	CoCoALib		Normal	Improvement: how to sort QuotientBasis?	John Abbott	06 Nov 2017 15:53	Improving	100
1009	CoCoALib		Normal	coefficients for MinPoly e Frobenius	Anna Maria Bigatti	03 Aug 2018 17:16	Improving	100
970	CoCoALib		Normal	Weights in ElimMat?		11 Nov 2016 15:49	Improving	10
967	CoCoALib		Normal	Improve saturate	Anna Maria Bigatti	22 Mar 2024 10:18	Improving	70
966	CoCoALib		Normal	New function or explain: first and last for a vector?	Anna Maria Bigatti	14 Feb 2020 10:21	Documentation	100
961	CoCoALib		Normal	New function: ReducedGBasis	Anna Maria Bigatti	21 Apr 2017 17:08	New Function	100
958	CoCoALib		Normal	New function: multiplicity and dim	Anna Maria Bigatti	08 Mar 2024 18:15	New Function	80
957	CoCoALib		Normal	New function: HasGBasis	Anna Maria Bigatti	29 Apr 2017 08:32	New Function	100
953	CoCoALib		Normal	new file for old functions: obsolescent.C	John Abbott	29 Mar 2017 18:13	Renaming	100
951	CoCoALib		Normal	New function: IsSqFree	John Abbott	18 Nov 2016 23:09	New Function	100
949	CoCoALib		Normal	New function: IdealWithIncrementalGBasis(I, f)	Anna Maria Bigatti	16 Feb 2024 18:03	New Function	0
944	CoCoALib		High	Release: CoCoALib-0.99550 (together with CoCoA-5.2.0)	Anna Maria Bigatti	08 May 2017 11:54	Tidying	100
937	CoCoALib		Normal	LinDepMill: Mill for linear dependencies	Anna Maria Bigatti	18 Apr 2024 16:38	New Function	10
924	CoCoALib		Normal	FlagManager for bool/bool3 flags	Anna Maria Bigatti	16 Feb 2024 17:57	Data Structures	50
921	CoCoALib		Normal	Design GBMill		22 May 2017 14:11		0
919	CoCoALib		Normal	Hilbert Driven GBasis		22 May 2017 14:11		0
914	CoCoALib		Normal	New function: quorem for univariate polynomials?		22 Aug 2016 16:45	New Function	0

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908	CoCoALib		High	Sum of ideals: what are the generators of $(x) + (0)$?	Anna Maria Bigatti	08 Mar 2024 14:34	Improving	100
906	CoCoALib		Normal	External libraries: keep copy of compatible versions?		13 Jul 2016 11:19	Portability	0
902	CoCoALib		Normal	New function: FrobeniusMat	Elisa Palezzato	28 Apr 2017 09:31	New Function	100
901	CoCoALib		Normal	New function: PrimaryDecomposition0 in CoCoALib	Anna Maria Bigatti	03 Aug 2018 17:40	New Function	100
900	CoCoALib		Normal	New function: MinPoly of RingElem in quotient ring	Anna Maria Bigatti	03 Aug 2018 17:31	New Function	100
899	CoCoALib		High	IsMaximal, IsPrimary for IDEAL (in cocoalib)	Anna Maria Bigatti	25 Nov 2017 10:40	New Function	100
898	CoCoALib		High	New function: cardinality of finite field?	Anna Maria Bigatti	08 Mar 2024 17:45	New Function	20
887	CoCoALib		Normal	My first compilations with clang	Anna Maria Bigatti	16 Jan 2018 11:37	Portability	100
855	CoCoALib		High	Copyright and authorship?	John Abbott	15 Mar 2023 08:06	Portability	100
854	CoCoALib		Normal	Function MakeTermOrd should be renamed MakeTermOrdMat?	Anna Maria Bigatti	28 Mar 2024 16:25	Renaming	100
849	CoCoALib		Normal	Cleanup MinPoly code	Anna Maria Bigatti	08 Mar 2024 18:15	Tidying	10
848	CoCoALib		Normal	Implement MinPoly in CoCoALib	Anna Maria Bigatti	22 Mar 2016 18:02	New Function	100
832	CoCoALib		Low	Generalize grading matrix		14 Mar 2024 11:29	Data Structures	20
813	CoCoALib		Immediate	Implement "elim" in CoCoALib	Anna Maria Bigatti	18 Mar 2024 15:58	New Function	90
796	CoCoALib		Normal	CoCoALib function for radical (or SqFree) of a polynomial	John Abbott	06 Nov 2017 15:31	New Function	100
780	CoCoALib		Normal	GroebnerFan/ExternalLib-GFan: improve package	Anna Maria Bigatti	21 Apr 2017 11:06	Improving	20
769	CoCoALib		Normal	CoCoALib cone		27 Jan 2020 15:32	Data Structures	10
765	CoCoALib		Normal	ExternalLib-CDD: (needed by GFan)	Anna Maria Bigatti	11 Sep 2019 13:47	Portability	10
764	CoCoALib		Normal	ExternalLib: simplify configuration	Anna Maria Bigatti	03 Aug 2018 17:33	Improving	100
762	CoCoALib		Normal	ExternalLib-GFan: first prototype	Anna Maria Bigatti	24 Mar 2016 08:04	New Function	100
754	CoCoALib		High	Release: CoCoALib-0.99538 (together with CoCoA-5.1.2)	Anna Maria Bigatti	08 Oct 2015 14:47	Tidying	100
747	CoCoALib		Normal	New function for making list of symbols (indeterminate names)	John Abbott	01 Feb 2016 14:21	Improving	100
715	CoCoALib		Normal	RandomSubsetIndices, RandomTupleIndices?	John Abbott	30 Jul 2015 17:39	New Function	100
707	CoCoALib		Normal	MatrixOrderingMod32749Impl: test and write documentation!	Anna Maria Bigatti	25 Apr 2024 21:46	Safety	50
705	CoCoALib		Normal	DetDirect calls myAddMul with 0 argument -- funny compilation problem??	Anna Maria Bigatti	26 Jun 2015 16:15	Improving	100
703	CoCoALib		Normal	Add more operations between modules (CoCoALib)	Anna Maria Bigatti	27 Oct 2017 11:53	New Function	10
688	CoCoALib		Normal	PolyAlgebraHom (PolyRingHom) evaluate multivariate polynomials		22 Apr 2015 14:38	Improving	10
683	CoCoALib		Normal	Module index component in internal compressed representation	Anna Maria Bigatti	15 Dec 2017 16:37	Documentation	100
676	CoCoALib		Normal	Credits to CoCoALib contributors	Anna Maria Bigatti	28 Apr 2017 11:06	Documentation	10
667	CoCoALib		Normal	factor: multivariate + finite characteristic		04 Mar 2015 20:08	New Function	0
651	CoCoALib		Normal	Optimized algorithms for implicitization (slicing algorithm, elim, subalgebra..)		12 Feb 2015 10:33	New Function	10
623	CoCoALib		Normal	Inverse of a matrix over ZZ	Anna Maria Bigatti	11 May 2015 17:54	New Function	100

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621	CoCoALib		High	Release: CoCoALib-0.99536	Anna Maria Bigatti	08 Oct 2015 14:48	Tidying	100
618	CoCoALib		High	Instructions for compiling libnormaliz	Anna Maria Bigatti	14 Feb 2022 18:22	Portability	100
604	CoCoALib		Normal	Release: CoCoALib-0.99535	Anna Maria Bigatti	11 May 2015 14:07	Tidying	50
602	CoCoALib		Normal	OrdMat: should it be a reference to a MatrixView in all PPOrders?	John Abbott	23 Mar 2016 15:24	New Function	100
599	CoCoALib		Normal	Release: CoCoALib-0.99534	Anna Maria Bigatti	11 Sep 2014 16:37	Tidying	100
589	CoCoALib		Normal	Implement gin (generic initial ideal) in cocoalib	Anna Maria Bigatti	15 Jul 2014 18:17	New Function	0
587	CoCoALib		Normal	port to CoCoALib: Homomorphism pkg (ker, IsInjective, IsSurjective..)	John Abbott	03 Aug 2018 18:11	New Function	100
583	CoCoALib		Normal	New function for printing with extra information		07 Jul 2014 11:48	New Function	0
577	CoCoALib		High	Hilbert crashes with > 100 indeterminates	Anna Maria Bigatti	31 Jul 2014 16:57	Maths Bugs	100
550	CoCoALib		Normal	add myResolution member field to ideal and (sub)module		13 May 2015 09:57	Data Structures	0
539	CoCoALib		Low	Functions to clean up a factorization		22 Jan 2024 20:28	New Function	0
528	CoCoALib		Normal	Release: CoCoALib-0.99533	Anna Maria Bigatti	30 Jul 2014 10:56	Tidying	100
510	CoCoALib		Normal	SyzOfGens (CoCoALib): fix shifts	Anna Maria Bigatti	17 Apr 2014 16:36	Maths Bugs	100
507	CoCoALib		Normal	CoCoA website: CoCoALib-0.99532	Anna Maria Bigatti	02 Apr 2014 15:40	Documentation	100
505	CoCoALib		Normal	Documentation: write doc for RingDenseUPolyClean	Anna Maria Bigatti	21 Sep 2016 17:15	Documentation	0
496	CoCoALib		Normal	ideal: minimize or minimalized?	Anna Maria Bigatti	01 Apr 2014 18:52	New Function	100
467	CoCoALib		Normal	Keep CoCoALib web page up to date! All pages!	Anna Maria Bigatti	18 Feb 2022 15:32	Documentation	100
455	CoCoALib		Normal	Which sets of generators in an ideal?		14 Jul 2014 15:17	Various	0
452	CoCoALib		Normal	Documentation for adding functions to CoCoA-5 (BuiltInFunctions and BuiltInOneLiners)	Anna Maria Bigatti	31 Jul 2014 12:31	Documentation	100
427	CoCoALib		Normal	Error names and error messages (current design)		11 May 2017 10:57	Data Structures	10
409	CoCoALib		High	Minimal syzygies (optimized implementation)	Anna Maria Bigatti	31 Jul 2014 12:36	New Function	0
400	CoCoALib		Normal	add myJMill member field to ideal		15 Sep 2014 12:04	New Function	0
399	CoCoALib		High	add myHilbertSeries member field to ideal and (sub)module	Anna Maria Bigatti	30 Jul 2014 17:04	New Function	0
396	CoCoALib		Normal	PPMonoidElemAlias: redesign PPMonoidElem the same way as RingElem?	John Abbott	13 May 2015 09:57	Data Structures	0
391	CoCoALib		Normal	Check consistency of template class factorization		03 Apr 2014 11:54	Safety	100
390	CoCoALib		Normal	Store unique copy of QQ[t_1..t_n] (RingQQt) in GlobalManager	John Abbott	29 Oct 2013 14:30	New Function	90
389	CoCoALib		Normal	problem loading library.H (parallel make -j4)	Anna Maria Bigatti	29 Oct 2013 13:31	Documentation	100
387	CoCoALib		High	implement algorithm(s) for resolutions	Anna Maria Bigatti	30 Jul 2014 17:04	New Function	0
386	CoCoALib		High	add resolution data type	Anna Maria Bigatti	11 Jun 2015 14:58	New Function	10
374	CoCoALib		Immediate	Porting "IdealOfProjectivePoints"	John Abbott	08 Feb 2019 20:56	New Function	100

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373	CoCoALib		Normal	add DeleteCol, DeleteRow	Anna Maria Bigatti	17 Apr 2014 09:51	New Function	100
366	CoCoALib		High	function (CoCoALib) for minimal generators (like old Minimalize)	Anna Maria Bigatti	03 Apr 2014 11:52	New Function	100
361	CoCoALib		Normal	implement IsPrime3, IsMaximal3	John Abbott	25 Nov 2017 10:42	New Function	100
357	CoCoALib		Normal	Constructor for vectors? CoCoAVector	Anna Maria Bigatti	12 Feb 2020 14:43	New Function	100
354	CoCoALib		Normal	New function BinRepr (was BinExp, also known as Macaulay representation)	John Abbott	29 May 2013 16:41	New Function	100
353	CoCoALib		Normal	Missing documentation and tests for myRecvTwinFloat	John Abbott	14 Jul 2014 14:40	Documentation	0
351	CoCoALib		Normal	Problems with DenseMatImpl::myResize	Anna Maria Bigatti	17 Apr 2014 08:24	Safety	100
350	CoCoALib		Immediate	problem with "matrix" argument in functions	John Abbott	11 Sep 2014 16:41	Safety	100
342	CoCoALib		Normal	Remove denominators: QQ[x] -> ZZ[x] (and PushBack(coeff, PP))	John Abbott	17 Apr 2014 09:23	New Function	100
340	CoCoALib		Normal	"configure" does not set BOOST if there are multiple copies in "standard" location	John Abbott	28 May 2013 18:41	Makefile	100
316	CoCoALib		Normal	submodule constructor different from ideal	Anna Maria Bigatti	10 Jul 2014 16:21	Tidying	0
313	CoCoALib		High	Elim(vector<long>) as PPOrderingCtor	Anna Maria Bigatti	22 Mar 2024 18:17	New Function	30
312	CoCoALib		Normal	LongRange(a,b) returning vector of long a..b (included)	Anna Maria Bigatti	03 Apr 2014 11:38	New Function	100
311	CoCoALib		Immediate	XelMat, StdDegRevLexMat, ... should be MatrixView	John Abbott	20 Jan 2017 15:16	New Function	100
310	CoCoALib		Normal	ordering and grading (weights) matrix	Anna Maria Bigatti	31 Jul 2014 17:50	Renaming	100
308	CoCoALib		High	Error: ERR::NotNonZero instead of ERR::ZeroRingElem?		27 Mar 2024 17:37	Renaming	40
305	CoCoALib		Normal	FreeModule: unique copy?		10 Dec 2023 20:43	Tidying	10
304	CoCoALib		High	Module ordering and grading (and shifts)	Anna Maria Bigatti	31 Jul 2014 15:01	New Function	100
298	CoCoALib		High	Valgrind: keep CoCoALib at 0 memory leaks	Anna Maria Bigatti	01 Aug 2014 08:21	Safety	100
297	CoCoALib		Normal	Modules design: brainstorming		31 Jul 2014 14:55	New Function	30
291	CoCoALib		Normal	NewZZmod and NewRingFp: improve manual, clarify implementation	John Abbott	03 Apr 2014 11:54	Tidying	100
285	CoCoALib		Normal	Notes for adding/removing files from documentation	John Abbott	17 Apr 2014 09:22	Documentation	100
281	CoCoALib		Normal	Store unique copy of FF(p) in GlobalManager		04 Apr 2014 17:10		0
278	CoCoALib		Normal	add CoeffVecWRT to cocoalib	John Abbott	29 Oct 2013 14:50	New Function	100
264	CoCoALib		High	Compilation problem with "degree.H" (inline fn defns)		16 Jul 2014 14:42	Various	100
254	CoCoALib		Normal	How to return a Hilbert Series in CoCoALib	John Abbott	17 Apr 2014 15:19	New Function	100
252	CoCoALib		Normal	Documentation for tmp.H (utils on vectors and other containers)	John Abbott	31 Jul 2014 16:53	Documentation	100
236	CoCoALib		Normal	Add homog (homogenized) for ideal	Anna Maria Bigatti	23 May 2013 08:26	New Function	100
227	CoCoALib		Normal	HilbertBasis from Normaliz: full-lattice or not?		31 Jul 2014 12:39	New Function	0
219	CoCoALib		Normal	myDeriv for RingDenseUPolyClean still missing	Anna Maria Bigatti	02 Apr 2014 08:49	New Function	100
215	CoCoALib		Normal	Janet Bases: check and include code in CoCoALib (first prototype)	Anna Maria Bigatti	24 Mar 2016 11:50	New Function	100

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
213	CoCoALib		Normal	test-Normaliz1.C	Christof Soeger	01 Oct 2012 15:43	Various	100
211	CoCoALib		Normal	NBM: add SparsePolyRing as argument for ordering	John Abbott	18 Feb 2013 16:48	New Function	100
210	CoCoALib		Normal	Normaliz: "double" cone for speed and safety	John Abbott	18 Feb 2013 16:25	New Function	100
209	CoCoALib		High	ReadExpr: input polynomials in CoCoALib	Anna Maria Bigatti	27 Aug 2014 18:38	New Function	100
206	CoCoALib		Urgent	Matrix equation solving: LinKer		22 Mar 2024 09:42	New Function	30
205	CoCoALib		Normal	Example for change of coordinates with coeffs in a matrix	Anna Maria Bigatti	14 Jul 2014 14:39	Documentation	0
203	CoCoALib		High	Function to get the Hilbert Polynomial ring from GlobalManager	Anna Maria Bigatti	03 Apr 2014 11:52	New Function	100
202	CoCoALib		Normal	MatrixView/function for viewing a single row or column (RowMat, ColMat)	John Abbott	20 Mar 2024 14:09	Data Structures	100
199	CoCoALib		Normal	CFApprox: division by zero	John Abbott	29 Jun 2012 17:23	Maths Bugs	100
196	CoCoALib		Normal	PPWithMask needs checking	Anna Maria Bigatti	04 Apr 2014 17:50	Documentation	0
195	CoCoALib		High	OrdvArith documentation needs rewriting	John Abbott	03 Apr 2014 11:51	Documentation	100
178	CoCoALib		Normal	IsHomog: should it throw an error when there is no grading?	Anna Maria Bigatti	29 Oct 2013 14:25	Safety	90
174	CoCoALib		Normal	IsStdGraded: add for POrdering, PPMonoid, (Sparse)PolyRing..		01 Aug 2014 08:59	New Function	0
161	CoCoALib		Normal	Convert old "task table" into redmine		07 Apr 2014 14:35	Documentation	0
160	CoCoALib		Normal	Cleanup doc for rings	Anna Maria Bigatti	28 May 2012 14:11	Documentation	100
140	CoCoALib		Normal	Doc & example for convert	John Abbott	29 May 2013 16:48	Documentation	100
124	CoCoALib		Normal	change long args in matrices into MachineInt (?)	John Abbott	30 May 2013 15:55	Safety	100
123	CoCoALib		Normal	IdealOfPoints with generic coeffs		09 Jul 2014 18:15	New Function	0
122	CoCoALib		Normal	Porting "LinKer"	John Abbott	15 Jan 2021 21:10	New Function	100
121	CoCoALib		Urgent	Porting "IdealOfPoints"	John Abbott	29 May 2013 16:58	New Function	100
116	CoCoALib		Urgent	ordering matrices with rational coefficients	Anna Maria Bigatti	02 Apr 2012 15:22	New Function	100
112	CoCoALib		Normal	automatic creation of all function signatures		07 Apr 2014 14:34	Documentation	0
92	CoCoALib		Normal	Error Codes		19 Apr 2017 08:31	Various	0
87	CoCoALib		Normal	Cleanup header for ring classes (so that they are e-diff-able)	Anna Maria Bigatti	10 Jul 2014 16:26	Tidying	10
86	CoCoALib		Normal	Clean up DivMask and doc	Anna Maria Bigatti	06 Feb 2012 19:33	Documentation	100
85	CoCoALib		High	QuotientRing problem	Anna Maria Bigatti	05 Jul 2012 10:11	Maths Bugs	100
81	CoCoALib		Normal	DMPI vs DMP II is slower than expected	John Abbott	01 Feb 2012 11:35	Various	100
76	CoCoALib		Low	keywords in documentation		04 Apr 2014 17:51	Documentation	0
74	CoCoALib		Normal	printing polynomials		14 Jul 2014 11:07	Various	10
70	CoCoALib		Normal	Index page for html documentation	Anna Maria Bigatti	04 Jul 2012 10:50	Documentation	100
68	CoCoALib		Normal	cleanup doc for matrix, MatrixViews, *Matrix*,....	Anna Maria Bigatti	31 Jul 2014 16:56	Documentation	100
67	CoCoALib		Normal	Rename MatrixViews	John Abbott	17 Apr 2014 18:38	Renaming	100

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
66	CoCoALib		Normal	BigInt - NumTheory	John Abbott	15 Apr 2014 12:39	Documentation	100
65	CoCoALib	Feature #68: cleanup doc for matrix, MatrixViews, *Matrix*,....	Normal	matrix - MatrixView	Anna Maria Bigatti	04 Jul 2012 10:49	Documentation	100
64	CoCoALib		Normal	submat takes only vector<long>	John Abbott	08 Mar 2024 17:17	Improving	100
63	CoCoALib		Normal	Add links to examples in documentation	Anna Maria Bigatti	30 May 2012 13:40	Documentation	100
59	CoCoALib		Low	List of all functions in CoCoALib		08 Mar 2023 19:44	Documentation	10
37	CoCoALib		High	matrix constructors	John Abbott	15 Dec 2017 15:18	Data Structures	100
36	CoCoALib		Urgent	Saturation	Anna Maria Bigatti	05 Dec 2011 18:27	Maths Bugs	100
30	CoCoALib		High	SwapRows, Cols	Anna Maria Bigatti	05 Jul 2012 10:40	New Function	100
29	CoCoALib		Normal	CoCoA website: update web page for CoCoALib-0.9950	Anna Maria Bigatti	02 Apr 2014 15:39	Documentation	100
28	CoCoALib		Normal	rename RingQ, RingZ --> RingQQ, RingZZ	Anna Maria Bigatti	10 Feb 2012 18:41	Renaming	100
26	CoCoALib		High	Redmine Administration	Anna Maria Bigatti	23 Feb 2024 10:59	Documentation	80
24	CoCoALib		Normal	object files collected in one directory	Anna Maria Bigatti	14 Oct 2020 15:35	Makefile	100
22	CoCoALib		High	Rename PPMonoidEvZZ?	John Abbott	23 May 2013 16:58	Renaming	100
21	CoCoALib		Normal	Rename NumTheory and NumTheoryQQ	Anna Maria Bigatti	13 Jul 2012 15:28	Renaming	100
17	CoCoALib		Normal	implement "binomial" (coefficient) for RingElem	John Abbott	17 Apr 2014 09:22	New Function	100
15	CoCoALib		High	Adjoint of a non-invertible matrix	John Abbott	16 Sep 2021 13:48	New Function	100
11	CoCoALib		Normal	Bareiss algorithm	John Abbott	10 Oct 2019 18:45	New Function	100
3	CoCoALib		Normal	implement creation of a PPMonoidElement from vector<BigInt>	John Abbott	15 Mar 2013 17:35	New Function	100
2	CoCoALib		Normal	Makefile problem in ROOT and/or src/AlgebraicCore	John Abbott	12 Feb 2020 15:00	Makefile	100