

## CoCoALib - Issues

#	Project	Parent task	Priority	Subject	Assignee	Updated	Category	% Done
374	CoCoALib		Immediate	Porting "IdealOfProjectivePoints"	John Abbott	08 Feb 2019 20:56	New Function	100
410	CoCoALib		Normal	New file: BigRatOps	John Abbott	03 Aug 2018 16:15	Renaming	100
587	CoCoALib		Normal	port to CoCoALib: Homomorphism pkg (ker, IsInjective, IsSurjective..)	John Abbott	03 Aug 2018 18:11	New Function	100
764	CoCoALib		Normal	ExternalLib: simplify configuration	Anna Maria Bigatti	03 Aug 2018 17:33	Improving	100
825	CoCoALib		Normal	IsPositiveGrading -- really need 2 signatures?	John Abbott	03 Aug 2018 17:01	Tidying	100
847	CoCoALib		Normal	Doc for BigInt, BigIntOps, BigRat -- should there be BigRatOps?	John Abbott	03 Aug 2018 15:53	Documentation	100
900	CoCoALib		Normal	New function: MinPoly of RingElem in quotient ring	Anna Maria Bigatti	03 Aug 2018 17:31	New Function	100
901	CoCoALib		Normal	New function: PrimaryDecomposition0 in CoCoALib	Anna Maria Bigatti	03 Aug 2018 17:40	New Function	100
1005	CoCoALib		Normal	Makefile: install target for CoCoALib	John Abbott	03 Aug 2018 17:08	Portability	100
1009	CoCoALib		Normal	coefficients for MinPoly e Frobenius	Anna Maria Bigatti	03 Aug 2018 17:16	Improving	100
1099	CoCoALib		Urgent	MinPolyQuot: missing doc	Anna Maria Bigatti	03 Aug 2018 14:32	Documentation	100
1110	CoCoALib		Normal	Determinant of matrix over QQ (whose entries are actually integers)	John Abbott	03 Aug 2018 15:56	Improving	100
1124	CoCoALib		Normal	Move examples directory into doc -- or just change makefile?	Anna Maria Bigatti	03 Aug 2018 17:04	Documentation	100
1126	CoCoALib		Normal	New function: SubmoduleOfMinGens	Anna Maria Bigatti	02 Aug 2018 16:20	New Function	100
1131	CoCoALib		Normal	Sturm sequence	John Abbott	03 Aug 2018 16:05	New Function	100
1145	CoCoALib		Normal	File names, coding conventions: Fns, Ops, Operations? part 2	John Abbott	03 Aug 2018 16:17	Renaming	100
1149	CoCoALib		Normal	Release: CoCoALib-0.99600 (together with CoCoA-5.2.4)	Anna Maria Bigatti	09 Aug 2018 10:36	Various	100
1154	CoCoALib		Normal	SmallFpImpl: new ctor arg to say do-not-check-that-arg-is-prime	John Abbott	03 Aug 2018 16:14	New Function	100
1155	CoCoALib		Normal	Create a new "prime source" iterator	John Abbott	03 Aug 2018 16:11	New Function	100
1158	CoCoALib		Normal	New function: MinPolyQuotHeuristic --> MinPolyQuot with VerificationLevel	Anna Maria Bigatti	02 Aug 2018 16:42	New Function	100
1159	CoCoALib		Normal	Add global enum "verify/DontVerify"	John Abbott	25 Jun 2018 15:06	Data Structures	100
1162	CoCoALib		Normal	Check semantics of NoSmallFactorSeq	John Abbott	03 Aug 2018 16:01	Improving	100
1163	CoCoALib		Normal	Split SparsePolyRing.C in smaller files	Anna Maria Bigatti	02 Aug 2018 17:04	Renaming	100
1165	CoCoALib		Normal	MinPoly over QQ: verification may be very slow	Anna Maria Bigatti	03 Aug 2018 17:37	Improving	100
1167	CoCoALib		Normal	New class VerificationLevel	John Abbott	02 Aug 2018 17:29	New Function	100
1169	CoCoALib		Normal	New function: RandomLinearForm (CoCoALib)	Anna Maria Bigatti	02 Aug 2018 16:59	New Function	100
1177	CoCoALib		Normal	File names: use "SparsePolyOps" prefix for pertinent files	Anna Maria Bigatti	03 Aug 2018 16:18	Various	100
1178	CoCoALib		Normal	New function: myPrimaryDecomposition_0dim	Anna Maria Bigatti	03 Aug 2018 17:41	New Function	100
1180	CoCoALib		Normal	BigRat(0) unexpectedly compiles! (calls ctor with mpq_t arg)	John Abbott	15 Jan 2021 17:13	Safety	100
1181	CoCoALib		Normal	CpuTime is costly!	John Abbott	31 Jul 2018 14:25	Improving	100

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1182	CoCoALib		Normal	"mod" for BigInt	John Abbott	03 Aug 2018 16:27	Tidying	100
1185	CoCoALib		High	factor: multivariate, wrong RemainingFactor (sign wrong)	John Abbott	31 Jul 2018 13:15	Maths Bugs	100
1199	CoCoALib		Normal	GCD bug with high degree arg	Anna Maria Bigatti	03 Aug 2018 15:47	Maths Bugs	100
1203	CoCoALib		Normal	factor over algebraic extensions	Anna Maria Bigatti	31 Jul 2018 13:13	Improving	100
1205	CoCoALib		Urgent	SyzOfGens: bug with zero generators	Anna Maria Bigatti	03 Aug 2018 18:09	Improving	100