

# CoCoALib

	2023-10				2023-11				2023-12				2024-1				2024-2				2024-3				
	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12
CoCoA																									
CoCoALib																									
CoCoALib - CoCoALib-0.99600																									
Porting "IdealOfProjectivePoints"																									
New file: BigRatOps																									
port to CoCoALib: Homomorphism (...)																									
ExternalLib: simplify configuration																									
IsPositiveGrading -- really need (...)																									
Doc for BigInt, BigIntOps, BigRat (...)																									
New function: MinPoly of RingElem (...)																									
New function: PrimaryDecomposition0 (...)																									
Makefile: install target for CoCoALib																									
coefficients for MinPoly e Frobenius																									
MinPolyQuot: missing doc																									
Determinant of matrix over QQ (whose (...)																									
PrevPrime and NextPrime anomalies																									
Move examples directory into doc (...)																									
New function: SubmoduleOfMinGens																									
Sturm sequence																									
File names, coding conventions: (...)																									
Release: CoCoALib-0.99600 (together (...)																									
SmallFpImpl: new ctor arg to say (...)																									
Create a new "prime source" iterator																									
New function: MinPolyQuotHeuristic (...)																									
Add global enum "verify/DontVerify"																									
Check semantics of NoSmallFactorSeq																									
Split SparsePolyRing.C in smaller (...)																									
MinPoly over QQ: verification may (...)																									
	Closed 100%																								

**New class VerificationLevel**  
**New function: RandomLinearForm (...)**  
**File names: use "SparsePolyOps" (...)**  
**New function: myPrimaryDecomposition\_0dim**  
**BigRat(0) unexpectedly compiles! (...)**  
**CpuTime is costly!**  
**"mod" for BigInt**  
**factor: multivariate, wrong RemainingFactor (...)**  
**Release: CoCoALib-0.99580 (together (...))**  
**GCD bug with high degree arg**  
**factor over algebraic extensions**  
**SyzOfGens: bug with zero generators**