

CoCoALib

	2024-4				2024-5				2024-6				2024-7				2024-8				2024-9							
	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39		
CoCoA																												
CoCoALib																												
CoCoALib - CoCoALib-0.99850																												
submat takes only vector<long>																												
C++11 compatibility questions																												
Mod fn for computing remainder																												
MatrixView/function for viewing (...)																												
W.Brun's wish list																												
Improve doc about ordering/grading (...)																												
Iter for subsets/tuples																												
Make RingBase::myCharacteristic (...)																												
Which ubuntu / debian packages (...)																												
Automatic mapping of RingElem: (...)																												
Makefile; limit dependencies on (...)																												
PPMonoidSparse: impl of sparse (...)																												
Copyright and authorship?																												
Sum of ideals: what are the generators (...)																												
factor and SmoothFactor for integers (...)																												
Fns with "OUT" args: should they (...)																												
C++11: allows large integer literals (...)																												
syz, SyzOfGens: which shifts for (...)																												
New Fn: make public "coefficients" (...)																												
New function: GBasisByHomog																												
Unregistered TXT files in doc																												
Modify function myElim so that (...)																												
configure script: add flags for (...)																												
Compilation fails when compiling (...)																												
Ops += *= etc for Matrices?																												

BuiltIn Interreduce-Function
Use C++14 constexpr
SEGV: avoid long linked lists of (...)
Reading list of rationals is too (...)
IsInRadical too slow (test-RadicalMembership)
Readexpr/RingElem: unhelpful error (...)
Return type with const
Make saturate available in CoCoALib
gcd does not recognize univariate (...)
Suppress zero from ideal generators? (...)
Add file SparsePolyOps-vector.C
Microsoft: cannot compile with (...)
txt2tags: include in source distribution?
FloorLog2 or SizeInBase?
RandomNBitPrime - new fn
Release CoCoALib 0.99850
Automatic mapping of RHS in += (...)
resultant gives wrong answer if (...)
SizeInBase: obsolete
New expv/exponents function?
IsSqFree, IsIrred bugs in ZZ[x] (...)
Windows: New configuration script
Qn: factor for BigInt
Verbose messages: print level?
New fn CoprimePart, OddPart: naming (...)
resultant: gives wrong answer when (...)
Dangling references to temporaries
Bug HilbertPoly of zero-dimensional (...)
PushFront/PushBack without checks?
IsHomog for ideals
Configuration hiccups on Mac M1
Clean up EulerTotient, InvTotient (...)
IsSqFree poorly implemented
CheckForInterrupt: give more info?

Graeffe "sign bug"

MakeTermOrdMat: improve error mesg

implement ideal(R) for zero ideal, (...)

Limit indentation in verbose mesgs?

FixedDivisor is sometimes surprisingly (...)

Evaluate polynomial function/class

Hadamard bound: field names

CyclotomicFactorIndexes: gave wrong (...)

Radical error with lex (again)

radical for ideals in SparsePolyRing: (...)

New MatrixView/function "FirstRows/FirstCols"?

GradingMat with negative weights (...)

saturate with zero ideals

Fix Google-search link in the html (...)