CoCoALib

	2024-10				2024-11				2024-12				2025-1				2025-2				2025-3		
	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13
CoCoA																									
CoCoALib	**CoCoALib**																								
CoCoALib - CoCoALib-0.99850																									
submat takes only vector<long>																									
C++11 compatibility questions																									
Mod fn for computing remainder																									
MatrixView/function for viewing (...)																									
W.Bruns'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 (...)	