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 - 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 (...)	