

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	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?																															

<p> <b>BuiltIn Interreduce-Function</b>            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?         </p>	
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<p>Graeffe "sign bug"</p> <p>MakeTermOrdMat: improve error mesg</p> <p>implement ideal(R) for zero ideal, (...)</p> <p>Limit indentation in verbose mesgs?</p> <p>FixedDivisor is sometimes surprisingly (...)</p> <p>Evaluate polynomial function/class</p> <p>Hadamard bound: field names</p> <p>CyclotomicFactorIndexes: gave wrong (...)</p> <p>Radical error with lex (again)</p> <p>radical for ideals in SparsePolyRing: (...)</p> <p>New MatrixView/function "FirstRows/FirstCols"?</p> <p>GradingMat with negative weights (...)</p> <p>saturate with zero ideals</p> <p>Fix Google-search link in the html (...)</p>	
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