

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?																												

<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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