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-0.99800
      Adjoint of a non-invertible matrix
      object files collected in one directory
      Porting "LinKer"
      Replace bool3 by tribool
      Keep CoCoALib web page up to date! (...)
      C++14: MachineInt
      Instructions for compiling libnormaliz
      valuation slow for large inputs
      MemPool: review min and max loaf (...)
      ar gives warnings on fedora 23
      Function MakeTermOrd should be (...)
      Janet basis code: TmpJB files give (...)
      SimplestBigRatBetween: why is it (...)
      SmoothFactor: slow when a factor (...)
      Split MatrixOps
      Reconsider design for accessing (...)
      FreeModule: get canonical basis
      Tidy up code for matrix determinant
      adj: for matrices 7x7 and bigger
      Radical 0-dim: varied timings
      GBasisTimeout: not working as expected
      RingElems: syntax with [and] (...)
      SHA checksum for released code
      New fn: interreduction
      Radical 0-dim NYI? missing case (...)

Flatten for a matrix

Make SmoothFactor interruptible

Redesign interrupt mechanism?

Name of TensorMat; change to KroneckerProd?

Change CoCoA_ERROR into CoCoA_THROW_ERROR

SmoothFactor: use FactorMultiplicity

Change syntax apply(phi,M) into (...)

isystem not working as expected

Release CoCoALib 0.99800

IsPowerOf2 for rationals

ker bug (quotientinghom for R/ideal())

New function: MinusOneToPower

Normaliz 3.8.9

factorization: allow zero as exponent?

IsDivisible in a field?

Indets in coeffring are ringelems (...)

RandomLinearForm

Input fns: action when when istream (...)

MacOS compilation with clang

INPUT questions

RingElem from string (ReadExpr)

Require decimal mode for ostream?

Software licence

CpuTimeLimit: more frequent clock (...)

BigRat: ctor from machine int

IsInRadical: gives "weird" error

FloatStr sometimes produces NUL (...)

New fn prim for polys

CRASH/ABORT: GMP overflow

IdealOfPoints: allow matrix of (...)

CRASH: LinKerZZ

Compilation of Normaliz

Normaliz 3.8.10

RingHom: implement phi(X) as apply(phi, (...)

Compilation ambiguity	
binomial: domain of defn?	
Domain of definition of NextPrime (...)	
Merge the doc file RadicalMembership.txt (...)	
UnivariateIndetIndex: exact semantics	
Tidy ex-RingElem2	
Use new C++ keyword override	
Use keyword "delete" for deleted (...)	
Make polynomial multiplication (...)	
radical: could be more clever	
Discriminant: return value	
Remove ability to compile CoCoALib (...)	
SEGV in resultant	
DocTeX.t2t missing several "index (...)	
boost_1_80_0	