		20	24-4			2	2024	-5			202	4-6			20	24-7	,			202	24-8			202	4-9	
	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	: 3	3 34	35	36	37	38	39
СоСоА						•	•	•	•		•	•					•				•		•			
Web site: mailto link for bugs, suggestions ()																										
Look of first Redmine page linked from CoCoA ()																										
ApCoCoA																										
New ApCoCoA UI																										
Interactive window and history mechanism																										
Input tabbed windows associated to files																										
ApCoCoA projects																										
ApCoCoA: separate window for manual																										
How to connect GUI to cocoa5 executable?																										
CoCoA-5		CoCo	oA-5																							
intersection																										
Hermite normal form																										
RingID: remove this function?																										
Profiling with clang																										
CanonicalHom																										
Manual of functions vs ManExamples																										
CoCoA-5 releases on redmine																										
CoCoA-5 - CoCoA-5.4.2																										
Automatic mapping between (some) ()																										
theValue makes copy																										
Elim ordering and matrix ordering ()																										
C++11 compatibility questions																										
OpenOFile																										
Functions throwing error even though ()																										
Janet Bases: port function into ()																										
CoCoA-5 Projects for students (e.g. ()																										
Installation instructions (on website)																										

port SmithNormalForm (CoCoA-4)package ()	
EmacsUI Source/SourceRegion produce ()	
Emacs UI; remove cruft	
Eliminate package BinRepr	
Review utility of package IO	
CoCoAManual: improve part on input/output	
Gaussian Elimination	
Prototype package for Linear Commutative ()	
Variable It: assign before or after ()	
Speed of some Normaliz calls (NmzComputation	1)
NotBuiltin.cpkg5: indent for MODULE	
Referring to indets with multiple ()	
Emacs UI: send-file (C-c C-f) should ()	
Implicit: make easier to use with ()	
Add TUTORIALs to online manual	
Clean up CoCoALibSupplement	
Function "ideal" evaluates the ()	
"universal denominator" (related ()	
Microsoft (Windows 10, maybe other ()	
Separators for elements of a list	
LinKerBasis is user-unfriendly	
CoCoAManual: AffHilbertFn accepts ()	
Eigenvectors: inconsistent return ()	
IsInRadical: for monomial ideals	
Use Flatpak and/or Snap on Linux?	
RealRoots: rational roots (but ()	
MinPoly for matrix: fix in cocoalib ()	
SLUG: filling an array	
append is slow	
ker: for PolyAlgHom from QQ[x,y,z] ()	
GDPR: website, mailing list	
MSatLinSolve: req minor improvements	
Online manual entry for RingElem ()	
ShapeLemma: no manual entry	

 Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	
 Vim Plugin for CoCoA Automatic conversion from RINGELEM () CoCoA-5 manual: incorrect empty () CoCoA manual: entry for operators, () Package Edgeldeal not documented New function: find ? GFan also for Microsoft? GUI with Qt5 thmproving package Manual entry for NewPolyRing MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	Split BuiltinFunctions-CoCoALib.C ()
Automatic conversion from RINGELEM ()CoCoA-5 manual: incorrect empty ()CoCoA manual: entry for operators, ()Package Edgeldeal not documentedNew function: find ?GFan also for Microsoft?GUI with Qt5thmproving packageManual entry for NewPolyRingMakeTerm: implement in C++Stack overflow reading long list ()HTML manual: search using keywords?Emacs UI: cocoa5-shell-check-process ()Disable readline if input is redirectedSurprising parser error: INT+DOT+IDENTIFIEFAutomatic way to produce statically ()Use symbolic links for release ()Filenames in release CoCoAManual/html ()IntersectList or IntersectionListGet indexed indets from a polyringWebsite: link to JSAG?HilbertSeries: make into proper ()Lin alg with polysDocumentation for making ring with ()Emacs UI: indentation in a packageUse "special" names for variables ()SystemCommand in Microsoft versionMore flexible ring creation syntax ()Initial ringInterpreter fn Value::from can ()	Interpreter: fns which accept INT ()
 CoCoA-5 manual: incorrect empty () CoCoA manual: entry for operators, () Package Edgeldeal not documented New function: find ? GFan also for Microsoft? GUI with Qt5 thmproving package Manual entry for NewPolyRing MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	Vim Plugin for CoCoA
CoCoA manual: entry for operators, () Package Edgeldeal not documented New function: find ? GFan also for Microsoft? GUI with Qt5 thmproving package Manual entry for NewPolyRing MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	Automatic conversion from RINGELEM ()
 Package Edgeldeal not documented New function: find ? GFan also for Microsoft? GUI with Qt5 thmproving package Manual entry for NewPolyRing MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	CoCoA-5 manual: incorrect empty ()
New function: find ? GFan also for Microsoft? GUI with Qt5 thmproving package Manual entry for NewPolyRing MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	CoCoA manual: entry for operators, ()
 GFan also for Microsoft? GUI with Qt5 thmproving package Manual entry for NewPolyRing MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	Package Edgeldeal not documented
GUI with Qt5 thmproving package Manual entry for NewPolyRing MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIER Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	New function: find ?
 thmproving package Manual entry for NewPolyRing MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	GFan also for Microsoft?
 Manual entry for NewPolyRing MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	GUI with Qt5
 Manual entry for NewPolyRing MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	thmproving package
 MakeTerm: implement in C++ Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	
 Stack overflow reading long list () HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	
 HTML manual: search using keywords? Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	
 Emacs UI: cocoa5-shell-check-process () Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIEF Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	
 Disable readline if input is redirected Surprising parser error: INT+DOT+IDENTIFIER Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	
 Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	Disable readline if input is redirected
 Automatic way to produce statically () Use symbolic links for release () Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	Surprising parser error: INT+DOT+IDENTIFIER
 Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	
 Filenames in release CoCoAManual/html () IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	Use symbolic links for release ()
IntersectList or IntersectionList Get indexed indets from a polyring Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	
 Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	
 Website: link to JSAG? HilbertSeries: make into proper () Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can () 	Get indexed indets from a polyring
Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	
Lin alg with polys Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	HilbertSeries: make into proper ()
Documentation for making ring with () Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	
Emacs UI: indentation in a package Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	
Use "special" names for variables () SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	
SystemCommand in Microsoft version More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	
More flexible ring creation syntax () Initial ring Interpreter fn Value::from can ()	
Initial ring Interpreter fn Value::from can ()	-
Interpreter fn Value::from can ()	
	-
	RingElem and IndetSymbols not compatible

Install CoCoA-5 on MacOS-10.15+
New functions: argmin, argmax
foreach with ref to list entry?
CoCoA coding conventions for parser/interpre
CoeffOfTerm: in CoCoALibSupplement
Man page for UniversalGBasis
Add sagbi package
Emacs: avoid making buffer visible ()
subst: not checking args properly
DivAlg slower than NR
elim for modules
Geometrical theorem proving package
What does rad do?
RMap and image: obsolescent?
ApproxSolveTF
Slow sqfr: rad(f)
New fn ElapsedTimeFrom?
Unhelpful behaviour in "compatibility ()
SqFreeFactor crashes over non-perfect ()
Doc for the various BuiltIn files
EmacsUI: annoying colours
NewMat: should be obsolescent?
Use filesystem::path instead of ()
Unexpected or unhelpful error using ()
Missing/Incomplete manual entries
MinSubsetOfGens sometimes very ()
RealRoots: crashes after interrupting
Allow user to choose whether to ()
ApproxSolve and RationalSolve take ()
Potentially confusing prompt: waiting ()
Jordan Normal Form?
GCDList not documented
Refactor C++ impl in OnlineHelp
BuiltinFunctions-GFan includes ()

Should Starting be case-insensitive?Manual entry for random (see also)Release CoCoA 5.4.2Preliminary packagesLinux: just 1 executable, should ()Documentation/Manual for HilbertFnManExamples target: need t reset ()NewPolyRing with indices better ()Quitting can be slowContinued fraction: arg type RAT ()GenReprCompute: SERIOUS ERRORStrange bug: demo-Osaka2015Makefile problem: needlessly relinks ()CoCoA-5 - CoCoA-5.4.4Approximate BuchbergerMoeller: ()CoCoAManual: General part of the ()Emacs UI: keywords in multiline ()Manual: remove old stuff about ()Revive old CoCoA4 package called ()Emacs UI: slow with long linesPoor memory management?SLUG: RationalSolve slow and stupidAdd CoCoA5 function NmzHilbertBasisKerBuiltinOneLiners less precise ()CantStop playing CantStopRefine Poset impl & docVerbosity level in CoCoA5EvalPolyAtMatMake it easy to run the tests in ()Better error mesg for 1.2.3.4?CoCoA web site "analytics"Difference between seealso and ()Add CoCoA-5 syntax: syz(<f,> list ()New function ModuleElems? (like ()</f,>		
Release CoCoA 5.4.2 Preliminary packages Linux: just 1 executable, should () Documentation/Manual for HilbertFn ManExamples target: need t reset () NewPolyRing with indices better () Quitting can be slow Continued fraction: arg type RAT () GenReprCompute: SERIOUS ERROR Strange bug: demo-Osaka2015 Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Should Starting be case-insensitive?
Preliminary packages Linux: just 1 executable, should () Documentation/Manual for HilbertFn ManExamples target: need t reset () NewPolyRing with indices better () Quitting can be slow Continued fraction: arg type RAT () GenReprCompute: SERIOUS ERROR Strange bug: demo-Osaka2015 Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Manual entry for random (see also)
Linux: just 1 executable, should () Documentation/Manual for HilbertFn ManExamples target: need t reset () NewPolyRing with indices better () Quitting can be slow Continued fraction: arg type RAT () GenReprCompute: SERIOUS ERROR Strange bug: demo-Osaka2015 Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Release CoCoA 5.4.2
Documentation/Manual for HilbertFn ManExamples target: need t reset () NewPolyRing with indices better () Quitting can be slow Continued fraction: arg type RAT () GenReprCompute: SERIOUS ERROR Strange bug: demo-Osaka2015 Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Emacs UI: keywords in multiline () Manual: remove old stuff about () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Preliminary packages
ManExamples target: need t reset () NewPolyRing with indices better () Quitting can be slow Continued fraction: arg type RAT () GenReprCompute: SERIOUS ERROR Strange bug: demo-Osaka2015 Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Linux: just 1 executable, should ()
NewPolyRing with indices better () Quitting can be slow Continued fraction: arg type RAT () GenReprCompute: SERIOUS ERROR Strange bug: demo-Osaka2015 Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Documentation/Manual for HilbertFn
Quitting can be slow Continued fraction: arg type RAT () GenReprCompute: SERIOUS ERROR Strange bug: demo-Osaka2015 Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		ManExamples target: need t reset ()
Continued fraction: arg type RAT () GenReprCompute: SERIOUS ERROR Strange bug: demo-Osaka2015 Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		NewPolyRing with indices better ()
GenReprCompute: SERIOUS ERROR Strange bug: demo-Osaka2015 Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Quitting can be slow
GenReprCompute: SERIOUS ERROR Strange bug: demo-Osaka2015 Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Continued fraction: arg type RAT ()
Makefile problem: needlessly relinks () CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		GenReprCompute: SERIOUS ERROR
CoCoA-5 - CoCoA-5.4.4 Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Strange bug: demo-Osaka2015
Approximate BuchbergerMoeller: () CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Makefile problem: needlessly relinks ()
CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>	(CoCoA-5 - CoCoA-5.4.4
CoCoAManual: General part of the () Emacs UI: keywords in multiline () Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Approximate BuchbergerMoeller: ()
Manual: remove old stuff about () Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		
Revive old CoCoA4 package called () Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Emacs UI: keywords in multiline ()
Emacs UI: slow with long lines Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Manual: remove old stuff about ()
Poor memory management? SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Revive old CoCoA4 package called ()
SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Emacs UI: slow with long lines
SLUG: RationalSolve slow and stupid Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Poor memory management?
Add CoCoA5 function NmzHilbertBasisKer BuiltinOneLiners less precise () CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		
CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		-
CantStop playing CantStop Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		BuiltinOneLiners less precise ()
Refine Poset impl & doc Verbosity level in CoCoA5 EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		
EvalPolyAtMat Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Refine Poset impl & doc
Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		Verbosity level in CoCoA5
Make it easy to run the tests in () Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		EvalPolyAtMat
Better error mesg for 1.2.3.4? CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		
CoCoA web site "analytics" Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		
Difference between seealso and () Add CoCoA-5 syntax: syz(<f,> list ()</f,>		-
Add CoCoA-5 syntax: syz(<f,> list ()</f,>		-

CoCoA-5 - CoCoA-5.?? (short) manual for emacs interface GUI: open file "with C5" Error/warning if fn-proc is neither () sort is too slow BringIn should map only the indets () rethrow in Try UponError () I:f (IDEAL and RINGELEM) () Qt GUI: Make better distinction () GUI: Add an edit menu to the top () C-c C-p in emacs goes to wrong () Negate LIST, MAT, Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: very slow when input () Assignment to protected variable Port function NewSymbol/NewSymbols ()	
GUI: open file "with C5" Error/warning if fn-proc is neither () sort is too slow Bringln should map only the indets () rethrow in Try UponError () If (IDEAL and RINGELEM) () Qt GUI: Make better distinction () GUI: Add an edit menu to the top () C-c C-p in emacs goes to wrong () Negate LIST, MAT, Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	CoCoA-5 - CoCoA-5.?.?
Error/warning if fn-proc is neither () sort is too slow Bringln should map only the indets () rethrow in Try UponError () If (IDEAL and RINGELEM) () Qt GUI: Make better distinction () GUI: Add an edit menu to the top () C-c C-p in emacs goes to wrong () Negate LIST, MAT, Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input ()	(short) manual for emacs interface
sort is too slow Bringln should map only the indets () rethrow in Try UponError () I:f (IDEAL and RINGELEM) () Qt GUI: Make better distinction () GUI: Add an edit menu to the top () C-c C-p in emacs goes to wrong () Negate LIST, MAT, Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	GUI: open file "with C5"
BringIn should map only the indets () rethrow in Try UponError ()If (IDEAL and RINGELEM) ()Qt GUI: Make better distinction ()GUI: Add an edit menu to the top ()C-c C-p in emacs goes to wrong ()Negate LIST, MAT,Template for unaryMinus?InputForm for output readable as ()Appunti per (eventuale) tesi triennale ()More curiously slow code squaring ()Add LucasTest to cocoa5?TeXmacs interfacefullCoCoALibError prints too ()Which functions are defined in ()Documentation for Parser/InterpreterGUI: message "running" (close ()system variablesColon operator, 2nd argallow single function call in "use" ()Hilbert: Redesign hp.cpkg5 and ()port optimized resolutions to CoCoA-5intersection (all lower case)Allow user to give a name to a ()Bug or feature for protected name? ()Emacs UI: Name of emacs init fileEmacs UI: very slow when input ()Assignment to protected variable	Error/warning if fn-proc is neither ()
rethrow in Try UponError () I:f (IDEAL and RINGELEM) () Qt GUI: Make better distinction () GUI: Add an edit menu to the top () C-c C-p in emacs goes to wrong () Negate LIST, MAT, Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input ()	sort is too slow
I:f (IDEAL and RINGELEM) () Qt GUI: Make better distinction () GUI: Add an edit menu to the top () C-c C-p in emacs goes to wrong () Negate LIST, MAT, Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	BringIn should map only the indets ()
Qt GUI: Make better distinction ()GUI: Add an edit menu to the top ()C-c C-p in emacs goes to wrong ()Negate LIST, MAT,Template for unaryMinus?InputForm for output readable as ()Appunti per (eventuale) tesi triennale ()More curiously slow code squaring ()Add LucasTest to cocoa5?TeXmacs interfacefullCoCoALibError prints too ()Which functions are defined in ()Documentation for Parser/InterpreterGUI: message "running" (close ()system variablesColon operator, 2nd argallow single function call in "use" ()Hilbert: Redesign hp.cpkg5 and ()port optimized resolutions to CoCoA-5intersection (all lower case)Allow user to give a name to a ()Bug or feature for protected name? ()Emacs UI: very slow when input ()Assignment to protected variable	rethrow in Try UponError ()
GUI: Add an edit menu to the top () C-c C-p in emacs goes to wrong () Negate LIST, MAT, Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	I:f (IDEAL and RINGELEM) ()
C-c C-p in emacs goes to wrong () Negate LIST, MAT, Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	Qt GUI: Make better distinction ()
Negate LIST, MAT, Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	GUI: Add an edit menu to the top ()
Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	C-c C-p in emacs goes to wrong ()
Template for unaryMinus? InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	
InputForm for output readable as () Appunti per (eventuale) tesi triennale () More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	
Appunti per (eventuale) tesi triennale ()More curiously slow code squaring ()Add LucasTest to cocoa5?TeXmacs interfacefullCoCoALibError prints too ()Which functions are defined in ()Documentation for Parser/InterpreterGUI: message "running" (close ()system variablesColon operator, 2nd argallow single function call in "use" ()Hilbert: Redesign hp.cpkg5 and ()port optimized resolutions to CoCoA-5intersection (all lower case)Allow user to give a name to a ()Bug or feature for protected name? ()Emacs UI: Name of emacs init fileEmacs UI: very slow when input ()Assignment to protected variable	
More curiously slow code squaring () Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	
Add LucasTest to cocoa5? TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	
TeXmacs interface fullCoCoALibError prints too () Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	
 Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable 	TeXmacs interface
 Which functions are defined in () Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable 	fullCoCoALibError prints too ()
Documentation for Parser/Interpreter GUI: message "running" (close () system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	Which functions are defined in ()
system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	
system variables Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	GUI: message "running" (close ()
Colon operator, 2nd arg allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	
allow single function call in "use" () Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	-
 Hilbert: Redesign hp.cpkg5 and () port optimized resolutions to CoCoA-5 intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable 	
intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	Hilbert: Redesign hp.cpkg5 and ()
intersection (all lower case) Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	port optimized resolutions to CoCoA-5
Allow user to give a name to a () Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	intersection (all lower case)
Bug or feature for protected name? () Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	
Emacs UI: Name of emacs init file Emacs UI: very slow when input () Assignment to protected variable	-
Assignment to protected variable	Emacs UI: Name of emacs init file
Assignment to protected variable	Emacs UI: very slow when input ()
	Assignment to protected variable
	Port function NewSymbol/NewSymbols ()

Automatic conversion from INT (or ()	
interpolate	
Emacs UI: indentation is wrong ()	
Eliminate keyword Alias?	
gcd too slow for large degree univariate ()	
Unique copies of rings in CoCoA-5	
Warning about variable hiding another ()	
ScalarProduct accepts MatrixRow?	
Cleaning: Cruft in CoCoA-5 packages	
New C5 fn for adjusting the warning ()	
Toric: resurrect function TestSet ()	
New operators: += -= *= /=	
Resurrect MakeCheck()	
GUI: better name for the graphical ()	
efficient subalgebras	
Interpreter.C: remove calls to ()	
GUI: qutting provokes Imminent ()	
Add functions based on MayerVietorisTree	
Output Betti numbers	
Windows-GUI: compilation with MinGW	
New operations? ScalarProduct(MODULELEM,	LIST), ()
Unique copies of free modules?	
Emacs UI: use "warning colour" ()	
MakeSet can be very slow	
eval: in which ring should the ()	
use command, ring syntax, RingOf	
Ring ID: separate index values ()	
Emacs UI: endfunc does not indent ()	
Emacs UI: C-c C-\ copies line cursor ()	
NUL char in input terminates CoCoA-5	
Emacs UI: swapped splitting	
Credits to CoCoA-5 contributors	
Add more operations for modules	
External Libs: missing dependencies ()	

External libs: specifying I/O streams ()
Primary Decomposition in CoCoA-5
Elementary transcendental functions ()
IsDefined does not follow reference ()
New function: LeastDegPolynomial ()
CoCoA type "cone"
Emacs UI: send-region and send-line ()
floor, ceil, and NearestInt for ()
append has bad complexity
Interpreter is too slow reading ()
subst: allowed also for indets ()
LOGAR: make CoCoA-5 easier to use
Escaped newline to allow a long ()
When is a semicolon needed to end ()
use command: unhelpful error if ()
CallOnGroebnerFanldeals: better ()
Empty matrix: warning, error, or ()
ciao, exit, quit can be used not ()
Improve coverage of CoCoA-5 tests
Managing credits
New function: IdealAndSeparatorsOfPoints
New function: MakeMultiset?
CoeffSize: function to measure ()
GroebnerFanldeals: order matrices ()
init file obligatory?
New function: RingQQi()? extension ()
New syntax for creating poly rings?
External dependencies for building
Example of slow LEX GBasis computation
ScalarProduct: exact defn and manual ()
Improve error message when args ()
CoCoAManual: improved search, or ()
PolyRing constructor: NewOrdvArith ()
EmacsUI: interrupt copies line ()

GUI: bugs and slugs		
CoCoA Online: install (using InteractiveShell)		
Port RowMat, ColMat, MatByRows, ()		
Generic Timeout for CoCoA-5?		
Latex: matrix		
New function: gin for algebraic ()		
CoCoA should read unicode		
Allow Interruption of printing?		
incr and decr are slow		
New Fn: make a homogeneous list ()		
LinearSimplify: somtimes not optimal		
Matrixrow-functions		
Create a directory		
Emacs UI: open manual pages in ()		
Clean up package points.cpkg		
User forum?		
Windows: Qt-Gui does not link correctly		
Daft slug		
CoCoALib	CoCoALib	
CoCoALib - CoCoALib-0.99880		
Matrix equation solving; linear ()		
Improve threadsafety		
Matrix equation solving: LinKer		
Printing polynomials - spaces between ()		
Play with GIT		
Error: ERR::NotNonZero instead ()		
Elim(vector <long>) as PPOrderingCtor</long>		
Syzygy for modules: non-homogeneous ()		
Error codes: use same code for ()		
LongRange: in which file should ()		
Impl small non-prime finite fields ()		
DistrMPolyClean does not use MemPool ()		
MatrixOrderingMod32749Impl: test ()		
Update normaliz interface?		

	Better errors: give supplementary ()
	SLUG: elimination
	Test whether a symbol is in a ring
	DivMask: extend interface?
	Implement "elim" in CoCoALib
	Cleanup MinPoly code
	implicit, ImplicitHypersurface: ()
	Redesign ideals
	LinSolve for matrices over FFp
	strict enum types: C++11 extension
	New function: cardinality of finite ()
	FlagManager for bool/bool3 flags
	MachineInt or long for args which ()
	Separate configure scripts for ()
	MachineInt: change semantics?
	IsRadical for ideal?
	New function: multiplicity and ()
	Improve saturate
C	oCoALib - CoCoALib-0.99900
	Redmine Administration
	Design new errors using inheritance
	Which names to use? Intersection/saturation
	New function: IdealWithIncrementalGBasis(I, (
C	oCoALib - CoCoALib-1.0
	Sort out RingElem, RefRingElem, ()
	List of all functions in CoCoALib
	printing polynomials
	keywords in documentation
	Cleanup header for ring classes ()
	Error Codes
	automatic creation of all function ()
	Introduce PartialHom
	Ideals of polynomials
	LT over QQ: surprisingly slow

IdealOfPoints with generic coeffs
New datastructures directory
Convert DUPFF code to C++
Better GCD
Design problem in ideals
Convenience ring ctors and homs
Buchberger-Moeller (parent task)
Buchberger-Moeller: fast modular ()
Buchberger-Moeller: impl via ()
Buchberger-Moeller: input conversions
Makefile dependencies
RingOf rather than owner? (and ()
Iterated CanonicalHom
GCD normalization (e.g. monic)
Convert old "task table" into redmine
IsStdGraded: add for PPOrdering, ()
PPWithMask needs checking
Example for change of coordinates ()
HilbertBasis from Normaliz: full-lattice ()
Generator for random ring elements
Documentation for QBGenerator needs ()
No test for QBGenerator
Approx QIR
Transcribe C4 code for GCD in QQ[x]
Multivariate lifting
Move the various <matrix>::mySetEntry ()</matrix>
Forward declarations
Eliminate class RefPPMonoidElem?
Store unique copy of FF(p) in GlobalManager
Global setting: to use IsProbPrime ()
PrimeField new fn?
Modules design: brainstorming
Compilation on M\$Windows: Visual ()
FreeModule: unique copy?

Add doc for ApproxPts2	
submodule constructor different ()	
C++ nasty surprises	
Why is DMPI slower than DMPClean?	
Module homs	
Missing documentation and tests ()	
CoCoAServer: what future, what ()	
Resolution/morse: integrate Mario ()	
add resolution data type	
implement algorithm(s) for resolutions	
PPMonoidElemAlias: redesign PPMonoidElem	()
add myHilbertSeries member field ()	
add myJBMill member field to ideal	
NewFreeModule of dimension 0	
Minimal syzygies (optimized implementation)	
Allow user to give a name to a ()	
Error names and error messages ()	
Semantics of IsPrintedWithMinus	
Improve UPoly eval at BigRat for ()	
MemPool: order free blocks?	
Polynomial multiplication (product ()	
Port RealRoots to C++	
Eigenvectors	
Which sets of generators in an ()	
LinearSimplify: port to CoCoALib	
Unique copies of rings smart ()	
Clang: automatic bug finding	
Documentation: write doc for RingDenseUPoly	Clean
Quick/correct flag for bool3 fns	
Fn to "flatten" muliple polynomial ()	
Make squarefreefactor work in multiple ()	
FloatStr uses too much memory	
Functions to clean up a factorization	
elim using RingTwinFloat triggers ()	

add myResolution member field ()	
Reconsider overloaded virtual mem ()	
Subrings	
Temporary file for experimentation	
FloatApprox for TwinFloat values?	
Documentation for ReductionCog	
Allow use of RingElem instead of ()	
Split SparsePolyRing.H into two ()	
Investigate using cmake for configuration	
New function for printing with ()	
Implement gin (generic initial ()	
Problem with template instantiation ()	
configure: check all libraries ()	
Redesign CRTMill	
Wikipedia	
Gaussian integer and rationals ()	
Complex twin-floats	
Shadow CoCoA namespace to help ()	
What is test-Dynamic1.C	
Buchberger-Moeller: add option ()	
Unique copies of free modules?	
Optimized algorithms for implicitization ()	
Laurent polynomials	
Integrate Janet/Pommaret basis ()	
factor: multivariate + finite characteristic	
Matrix determinant over multivariate ()	
Credits to CoCoALib contributors	
Accumulator (like a geobucket)	
MemPool: make it easier to get ()	
PPMonoid: add fn to check for overflow ()	
Use DivMask inside QBGenerator	
myAddMul in poly rings	
PolyAlgebraHom (PolyRingHom) evaluate ()	
Fault tolerant rational reconstruction: ()	

Remove cruft from test files
Add more operations between modules ()
Example database: Slow ideal equality ()
Noncommutative algebra "of solvable ()
Betti numbers, betti diagram
Extend homomorphism to polynomial ()
Addition of sparse (multivariate) ()
View PP exponent vector (and order ()
Problem with GBasis in tower of ()
Investigate using Boost.build instead ()
configure: have option to say to ()
GlobalManager: initialization compatible ()
ExternalLib-CDD: (needed by GFan)
CoCoALib cone
PPMonoid with 1 extra "exponent"?
CRTMill::myAddInfo accept modulus ()
Makefile: problem not seeing when ()
GroebnerFan/ExternalLib-GFan: improve ()
threadsafety: Scott Meyers's advice ()
finite fields: global register ()
Remove refcounts from RingElem?
No doc for DistrMPolyInIFpPP
Clean code for DistrMPolyClean
SmallFpImpI: make it faster
vector of "indets" in each PPMonoid?
PPOrdering: use it to compute WDeg?
Alg Extn by non-zero dim ideal
FastCmp for degree useful?
PPMonoid pseudo-ctor without explicit ()
GenRepr in CoCoALib?
F5 with 3 args?
Sparse matrices
MachineInt: function for checking ()
Generalize grading matrix

UIBC: need include file in RingWeyI.C
Make Mario's new code threadsafe
factor is very slow on some simple ()
Differential algebra
SparsePolyIter: make more compatible ()
GINV: alex basis
NewPolyRing: tidy up the many different ()
PPMonoidSparse: comparisons are ()
IsIrred: correct design?
SmallFpImpI: different repr for ()
bool3: add some logical operations?
factor: too slow on largish multivariate ()
Impl faster multiplication for ()
DistrMPolyInIPP::myPushFront and ()
IsIrred3: fast 3-way irred test ()
myIsEqual, myCmp: direct comparisons ()
SmallFpDouble: which impl of InvMod ()
External libraries: keep copy of ()
Read input from SymbolicData database
New function: quorem for univariate ()
Hilbert Driven GBasis
Design GBMill
Fn to read symbol range (SymbolRange)
Documentation: check layout of ()
Printing TwinFloat as (rational) ()
LinDepMill: Mill for linear dependencies
Slow NF example
Weights in ElimMat?
ex-PolyIterator
QIR/RealRootRefine: improve behaviour ()