

CoCoA - All CoCoA Closed Issues

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|-------------------------------------|---|-------------------|-----------------------|---------|--------------------|----------------|
| CoCoA-5.2.0 spring 2017 (46) | | | | | | |
| 927 | Add "exit" in addition to "ciao" | 01 Mar 2017 14:15 | CoCoA-5 function: new | Feature | John Abbott | 1.56 |
| 863 | CoCoA-5 manual: IsInteger and IsRational are missing? | 27 Apr 2017 15:03 | Manual/documentation | Support | Anna Maria Bigatti | 0.77 |
| 1046 | CoCoA-5 no longer lists the external libs present | 27 Apr 2017 15:38 | Manual/documentation | Bug | Anna Maria Bigatti | 1.01 |
| 170 | CoCoAManual HTML: page for "Try" | 06 Mar 2017 16:44 | Manual/documentation | Bug | Anna Maria Bigatti | |
| 1040 | CoCoAManual: entry for SetVerbosityLevel/VerbosityLevel | 27 Apr 2017 15:20 | Manual/documentation | Support | Anna Maria Bigatti | 0.99 |
| 868 | Der, Bin: why the capital letter? | 28 Apr 2017 09:24 | Renaming | Design | Anna Maria Bigatti | 2.01 |
| 877 | Easier syntax to make a PRINCIPAL ideal? | 27 Apr 2017 14:57 | enhancing/improving | Feature | John Abbott | 0.77 |
| 1002 | Emacs UI: cocoa5-send-line skips too many chars | 27 Apr 2017 11:31 | EmacsUI | Bug | John Abbott | 2.6 |
| 748 | Emacs UI: return inside a block of output sends several lines (not just the one I'm on) | 28 Apr 2017 09:12 | EmacsUI | Bug | John Abbott | 3.01 |
| 998 | Emacs UI: sending empty input from cocoa5 buffer | 26 Apr 2017 17:19 | EmacsUI | Design | John Abbott | 3.1 |
| 1038 | Emacs: sent interrupt to CoCoA | 26 Apr 2017 17:20 | EmacsUI | Feature | Anna Maria Bigatti | 4.01 |
| 1045 | Error message from cocoa5 to cocoa-5 | 28 Apr 2017 19:21 | Parser/Interpreter | Feature | Anna Maria Bigatti | 1.01 |
| 711 | External Libs: print credits? | 28 Apr 2017 14:49 | External Libs | Feature | Anna Maria Bigatti | 4.4 |
| 708 | ExternalLib Normaliz: verbose flag? | 05 May 2017 10:36 | enhancing/improving | Feature | John Abbott | 3.01 |
| 852 | fix OnlineManual.C so that version number may be removed from CoCoAHelp.xml | 01 Mar 2017 13:31 | Release | Bug | Anna Maria Bigatti | 1.0 |
| 870 | GBasis of product of ideals is wrong (Vadim Tropashko) --> I.myReset() | 26 Apr 2017 15:56 | enhancing/improving | Bug | Anna Maria Bigatti | 2.01 |
| 883 | gin: return/print a suitable change of variables | 26 Apr 2017 17:25 | enhancing/improving | Feature | Anna Maria Bigatti | 2.01 |
| 973 | GroebnerFanIdeals: verbosity and output style | 28 Apr 2017 15:14 | enhancing/improving | Support | Anna Maria Bigatti | 5.5 |
| 744 | Handle interrupts more helpfully | 02 Mar 2017 16:15 | enhancing/improving | Feature | John Abbott | 2.0 |
| 1018 | Interpreter: limit range for ".." operator | 28 Apr 2017 16:20 | Parser/Interpreter | Design | John Abbott | 1.44 |
| 995 | LaTeX(x^10) should use curly brackets | 01 Mar 2017 13:35 | enhancing/improving | Bug | John Abbott | 0.251 |
| 521 | Manual: automatically check all examples | 28 Apr 2017 14:34 | Manual/documentation | Support | | |
| 963 | Manual: XML problem with html doc | 26 Apr 2017 16:00 | Manual/documentation | Bug | Anna Maria Bigatti | 2.0 |
| 903 | New function CallOnGroebnerFanIdeals: call function on GFan ideals | 26 Apr 2017 19:04 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 4.0 |
| 996 | New function: IdealOfGBasis | 29 Apr 2017 08:34 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 2.01 |
| 1043 | New function: IsCoprime | 28 Apr 2017 19:21 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 1.0 |
| 965 | New function: multigraded BettiNumbers | 10 Apr 2017 17:39 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 4.01 |
| 1044 | New function: SectionalMatrix, PrintSectionalMatrix | 10 Apr 2017 17:55 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 2.01 |
| 1017 | New function: SetGBasisAsGens [--> NO: use IdealOfGBasis] | 10 Apr 2017 17:43 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 0.51 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|------|---|-------------------|-----------------------|---------|--------------------|----------------|
| 954 | New function: StdBasis (standard basis) | 01 Mar 2017 14:11 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 6.01 |
| 959 | New function: SymmetricPolys | 01 Mar 2017 14:10 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 2.0 |
| 1047 | NewPolyRing with user defined ordering is slower than CoCoALib | 01 May 2017 10:43 | enhancing/improving | Slug | Anna Maria Bigatti | 5.31 |
| 243 | Normaliz tests for CoCoA5 | 12 Oct 2016 15:01 | External Libs | Feature | Christof Soeger | 3.05 |
| 845 | Primary Decomposition in CoCoA-5.1.6: zero dimensional, finite characteristic | 10 Apr 2017 16:47 | CoCoA-5 function: new | Feature | Elisa Palezzato | 20.1 |
| 734 | Primary Decomposition in CoCoA-5: zero dimensional, zero characteristic | 07 Apr 2017 10:13 | CoCoA-5 function: new | Feature | Elisa Palezzato | 40.01 |
| 1051 | ReadExpr(P, string) and RingElem(P, string) | 28 Apr 2017 19:06 | enhancing/improving | Design | Anna Maria Bigatti | 3.0 |
| 909 | ReadExpr: decimal point | 27 Apr 2017 11:43 | enhancing/improving | Feature | John Abbott | 2.0 |
| 1028 | Readline: cursor moves wrongly when at start of line with a prompt | 27 Apr 2017 11:35 | enhancing/improving | Bug | John Abbott | 0.99 |
| 757 | readline: fix script for finding libreadline | 28 Apr 2017 09:13 | External Libs | Bug | John Abbott | 4.01 |
| 405 | ReducedGBasis not memorized in an ideal | 28 Apr 2017 09:14 | Incomplete function | Slug | Anna Maria Bigatti | 2.01 |
| 851 | Release: CoCoA-5.2.0 | 08 May 2017 11:57 | Release | Support | Anna Maria Bigatti | 14.01 |
| 878 | RingElem applied to a symbol (repr as a string) | 27 Apr 2017 14:34 | enhancing/improving | Bug | Anna Maria Bigatti | 1.8 |
| 994 | SEGV: Toric example from Kazuki Maeda | 07 Apr 2017 09:48 | enhancing/improving | Bug | Anna Maria Bigatti | 6.01 |
| 880 | subst should check that indet is in same ring as 1st arg, but does not. | 01 Mar 2017 13:34 | Incomplete function | Bug | Anna Maria Bigatti | 1.0 |
| 918 | UniversalGBasis: sometimes gives error | 12 Oct 2016 15:01 | Incomplete function | Bug | Anna Maria Bigatti | 2.05 |
| 478 | Use of dollar-dot (\$) in packages | 05 Sep 2016 12:39 | Parser/Interpreter | Design | John Abbott | 0.7 |

CoCoALib-0.99550 spring 2017 (46)

| | | | | | | |
|------|---|-------------------|-----------------|---------|--------------------|------|
| 899 | IsMaximal, IsPrimary for IDEAL (in cocoalib) | 25 Nov 2017 10:40 | New Function | Feature | Anna Maria Bigatti | 6.0 |
| 864 | Assignment of rings (esp. derived rings such as PolyRing) | 28 Apr 2017 09:34 | Tidying | Bug | John Abbott | 1.51 |
| 910 | BigRat: read from a string in "decimal" format? | 18 Nov 2016 22:37 | Improving | Feature | John Abbott | 4.4 |
| 1015 | Bruns SEGV: SparsePolyIter/DMPI problem | 28 Apr 2017 09:30 | Data Structures | Bug | John Abbott | 6.01 |
| 860 | Check impl of RingTwinFloatImpl::myIsRational | 28 Apr 2017 09:33 | Safety | Bug | John Abbott | 3.01 |
| 971 | CheckForInterrupt does not work in the expected way | 28 Apr 2017 09:30 | Improving | Bug | John Abbott | 3.01 |
| 867 | Compilation Error: C++11 and old GMP-Version | 28 Apr 2017 09:35 | Various | Bug | John Abbott | 1.01 |
| 889 | configure script: give summary of warnings at end | 28 Apr 2017 09:35 | Various | Feature | John Abbott | 1.01 |
| 1019 | CPP flags in installed library | 24 Apr 2017 17:55 | Portability | Design | John Abbott | 7.7 |
| 956 | determinant: fails for 0x0 matrix (SEGV) | 28 Apr 2017 09:29 | Maths Bugs | Bug | John Abbott | 0.51 |
| 807 | DiagMat: mySetEntry checks the entry is writable only if debugging active | 28 Apr 2017 09:33 | Safety | Bug | John Abbott | 1.01 |
| 1050 | ExternalLibs: function for getting info | 28 Apr 2017 23:17 | New Function | Feature | John Abbott | 4.44 |
| 858 | floor for TwinFloat can produce ERR::SERIOUS | 25 Jun 2016 12:08 | Maths Bugs | Bug | John Abbott | 3.9 |
| 931 | GBasis verbose mode | 29 Apr 2017 08:36 | Improving | Feature | Anna Maria Bigatti | 3.0 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|------|---|-------------------|-----------------|---------|--------------------|----------------|
| 815 | GlobalManager: Imminent disaster should be a proper error | 28 Apr 2017 09:32 | Tidying | Design | John Abbott | 2.01 |
| 1004 | In scripts: use portable test for absolute paths | 28 Apr 2017 09:31 | Portability | Bug | John Abbott | 2.01 |
| 694 | In test files: when is assert.H needed? | 28 Apr 2017 09:32 | Tidying | Support | John Abbott | 3.51 |
| 228 | libcocoa sometimes built without its index | 28 Apr 2017 16:14 | Portability | Bug | John Abbott | 0.25 |
| 1036 | LogStream: stream for log output | 22 Apr 2017 22:52 | Improving | Feature | John Abbott | 1.9 |
| 856 | MantissaAndExponent2 for twin-float | 28 Apr 2017 09:30 | New Function | Feature | John Abbott | 4.01 |
| 853 | NearestInt can needlessly throw InsufficientPrecision | 05 Oct 2016 16:33 | Maths Bugs | Bug | John Abbott | 7.7 |
| 953 | new file for old functions: obsolescent.C | 29 Mar 2017 18:13 | Renaming | Support | John Abbott | 7.0 |
| 902 | New function: FrobeniusMat | 28 Apr 2017 09:31 | New Function | Feature | Elisa Palezzato | 8.01 |
| 957 | New function: HasGBasis | 29 Apr 2017 08:32 | New Function | Feature | Anna Maria Bigatti | 2.01 |
| 951 | New function: IsSqFree | 18 Nov 2016 23:09 | New Function | Feature | John Abbott | 11.1 |
| 961 | New function: ReducedGBasis | 21 Apr 2017 17:08 | New Function | Feature | Anna Maria Bigatti | 6.0 |
| 805 | New type for "constant" matrices? | 28 Apr 2017 09:30 | Data Structures | Design | John Abbott | 7.51 |
| 827 | NewPositiveMat also for matrices over QQ? Also NewIntegerOrdMat. (now called MakeTermOrd) | 20 Jan 2017 14:26 | Tidying | Design | | 0.99 |
| 895 | NumDigits: sometimes gives wrong answer | 28 Apr 2017 09:30 | Improving | Bug | John Abbott | 1.51 |
| 814 | PPOrdering: matrix ordering, what rings are allowed. | 28 Apr 2017 09:33 | Safety | Bug | John Abbott | 2.01 |
| 955 | RandomUnimodularMat - random unimodular matrix (of integers) | 18 Nov 2016 22:39 | New Function | Feature | John Abbott | |
| 936 | ReadExpr: cannot handle exponent which is not integer literal | 18 Nov 2016 22:22 | Improving | Bug | John Abbott | 1.5 |
| 938 | ReadExpr: misreads 2/3^4 | 18 Nov 2016 22:23 | Maths Bugs | Bug | John Abbott | 2.6 |
| 1016 | ReducedGBasis for RingWeyl (and other non-commutative rings) | 28 Apr 2017 16:05 | Improving | Feature | Anna Maria Bigatti | 1.01 |
| 944 | Release: CoCoALib-0.99550 (together with CoCoA-5.2.0) | 08 May 2017 11:54 | Tidying | Support | Anna Maria Bigatti | 5.11 |
| 774 | Rename file PPMonoidEvZZ | 02 Aug 2016 15:03 | Renaming | Support | John Abbott | 0.6 |
| 592 | Review design of ConstMatrixView | 29 Sep 2016 16:03 | Tidying | Design | John Abbott | 1.5 |
| 790 | RingDistrMPolyInFPImpl::mySummandPool frees ZERO PTR many times | 28 Apr 2017 09:32 | Tidying | Bug | John Abbott | 1.51 |
| 1048 | Several tests fail when threadsafe-hack is active | 22 Apr 2017 22:43 | Safety | Bug | John Abbott | 0.33 |
| 822 | Should ElimMat return a ConstMatrix | 28 Apr 2017 15:16 | Tidying | Design | Anna Maria Bigatti | 5.01 |
| 1008 | square function | 28 Apr 2017 09:31 | New Function | Feature | John Abbott | 1.01 |
| 696 | test-OrderedRing: activate or eliminate? | 28 Apr 2017 09:33 | Safety | Support | John Abbott | 3.01 |
| 859 | Twin-float: comparisons and equality test | 25 Jun 2016 14:11 | Tidying | Design | John Abbott | 7.7 |
| 573 | Use symbolic links for external libraries | 28 Apr 2017 13:37 | Portability | Feature | John Abbott | 9.9 |
| 983 | Which ostream for verbose/obsolescent log mesgs? | 28 Apr 2017 09:35 | Tidying | Design | John Abbott | 1.01 |
| 311 | XelMat, StdDegRevLexMat, ... should be MatrixView | 20 Jan 2017 15:16 | New Function | Design | John Abbott | 5.5 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|------|--|-------------------|------------------------------|---------|--------------------|----------------|
| 1424 | 'UNCAUGHT UNKNOWN EXCEPTION' when aborting 'isin' computation | 26 Feb 2020 16:24 | bug | Bug | John Abbott | 2.9 |
| 1438 | ABORT for unterminated string literal | 09 Mar 2020 15:28 | bug | Bug | John Abbott | 1.66 |
| 1236 | Add "socket" devices | 19 Feb 2020 11:43 | CoCoA-4 function to be added | Feature | John Abbott | 9.9 |
| 1374 | Add function power to CoCoA-5 | 13 Feb 2020 16:30 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 1.33 |
| 1261 | ASCII function | 10 Oct 2019 19:30 | bug | Bug | John Abbott | 0.55 |
| 1289 | assert-function for cocoa5 | 26 Feb 2020 16:32 | CoCoA-5 function: new | Feature | John Abbott | 1.23 |
| 1239 | CartesianProductList: case of just 1 entry in list | 04 Mar 2019 12:30 | bug | Bug | Anna Maria Bigatti | 0.99 |
| 1284 | CartesianProductList: too slow | 22 Oct 2019 11:10 | enhancing/improving | Slug | John Abbott | 1.99 |
| 1012 | Chebyshev polynomials | 03 Apr 2019 17:08 | enhancing/improving | Feature | John Abbott | 0.44 |
| 1318 | Clean CoCoA-5/tests directory | 26 Feb 2020 16:31 | Cleaning | Support | Anna Maria Bigatti | 1.49 |
| 1344 | Clean out OBSOLESCENT | 14 Feb 2020 09:08 | Cleaning | Support | Anna Maria Bigatti | |
| 1024 | CoCoA Manual: consistent spacing in VarName: TYPE | 10 Oct 2019 18:24 | Manual/documentation | Support | Anna Maria Bigatti | |
| 990 | CoCoA-5 distribution: tidying | 30 Apr 2020 15:10 | Release | Design | John Abbott | 5.01 |
| 1399 | CoCoA-5 interpreter: idle/busy indicator | 06 Mar 2020 12:24 | enhancing/improving | Feature | John Abbott | 7.3 |
| 1390 | CoCoA-5 test: radical too slow | 04 Mar 2020 16:22 | enhancing/improving | Slug | John Abbott | 2.11 |
| 1217 | CoCoA-5 tests directory: cleaning | 01 Oct 2019 14:19 | Cleaning | Support | | |
| 1367 | CoCoA-5.3.0: release linked with more recent version of normaliz | 30 Apr 2020 15:43 | Release | Feature | Anna Maria Bigatti | 3.01 |
| 1352 | cocoa5 (launch) script: sleep time | 13 Feb 2020 15:40 | enhancing/improving | Design | John Abbott | 1.66 |
| 458 | CoCoA5 GUI; failed build "wrong architecture" | 02 Mar 2020 15:40 | GUI | Bug | John Abbott | 0.95 |
| 1442 | CoCoAInterpreter: executable size | 12 Mar 2020 22:17 | Cleaning | Bug | John Abbott | 1.23 |
| 1408 | CoCoAManual - tex: error if syntax is missing | 13 Feb 2020 18:59 | Manual/documentation | Bug | Anna Maria Bigatti | 2.01 |
| 1027 | CoCoAManual: add a page with some emacs hints? | 09 Mar 2020 15:36 | Manual/documentation | Support | Anna Maria Bigatti | 2.34 |
| 945 | Emacs UI: comint buffer silently truncates(?) long lines when sending | 04 Mar 2020 19:01 | EmacsUI | Bug | John Abbott | 0.7 |
| 1325 | Emacs UI: emacs does not recognize "until" as marking the end of a "repeat" block | 26 Oct 2019 09:53 | EmacsUI | Bug | John Abbott | 1.51 |
| 1358 | Emacs UI: should active input line be cleared before sending line from CoCoA-5 file? | 13 Feb 2020 14:03 | EmacsUI | Feature | John Abbott | 1.88 |
| 1364 | Emacs UI: start cocoa5 with system command enabled | 13 Feb 2020 16:37 | EmacsUI | Feature | John Abbott | 1.66 |
| 672 | Emacs UI: strange string literal causes crash | 04 Mar 2020 15:31 | EmacsUI | Bug | John Abbott | 4.8 |
| 673 | Error message: I was expecting... | 13 Feb 2020 16:39 | enhancing/improving | Feature | John Abbott | 1.88 |
| 1226 | ExternalLibs return empty list | 02 Oct 2019 16:22 | External Libs | Bug | Anna Maria Bigatti | |
| 755 | Find out how to compile statically on linux | 20 Mar 2020 12:18 | Release | Bug | John Abbott | 11.66 |
| 240 | GUI compilation: GMP is not naturally thread-safe | 11 Mar 2020 21:34 | GUI | Support | John Abbott | 3.33 |
| 519 | GUI: fix DEFINES in makefile | 14 Feb 2020 09:22 | GUI | Bug | Anna Maria Bigatti | 1.5 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|------|---|-------------------|------------------------------|---------|--------------------|----------------|
| 1420 | IdealOfProjectivePoints and MinGens: problem with CoCoA_ASSERT | 26 Feb 2020 16:59 | bug | Bug | Anna Maria Bigatti | 1.5 |
| 890 | ImportByRef and ImportByValue behave in an unexpected manner (i.e. fail when I think they should succeed) | 26 Feb 2020 16:50 | Manual/documentation | Support | John Abbott | 1.5 |
| 1368 | Improve manual for mod | 13 Feb 2020 15:44 | Manual/documentation | Support | John Abbott | 0.77 |
| 1327 | Inconvenient PolyRingHom, PolyAlgebraHom | 13 Feb 2020 09:35 | enhancing/improving | Design | Anna Maria Bigatti | |
| 1410 | IsDivisible also for INT | 13 Feb 2020 15:40 | enhancing/improving | Feature | Anna Maria Bigatti | 2.01 |
| 1386 | IsIndetPosPower: behaviour and manual page | 25 Feb 2020 11:16 | Manual/documentation | Support | John Abbott | 0.99 |
| 1240 | John's visit Feb 2019 | 01 Oct 2019 14:25 | enhancing/improving | Support | John Abbott | 0.44 |
| 1387 | John's visit Feb 2020 | 21 Feb 2020 14:50 | Release | Support | John Abbott | 0.5 |
| 1288 | len for RINGELEM !?! | 13 Feb 2020 16:07 | bug | Bug | John Abbott | 1.01 |
| 1224 | Lexer: unclosed multi-line comment | 04 Mar 2020 14:41 | Cleaning | Bug | John Abbott | 0.75 |
| 1307 | Linking problem | 05 Sep 2019 16:17 | Portability | Bug | | |
| 991 | make htmldoc always recreates everything (even if no change was made) | 04 Mar 2020 16:15 | Manual/documentation | Slug | John Abbott | 3.33 |
| 1335 | ManExamples: some problems | 24 Feb 2020 16:56 | Manual/documentation | Bug | John Abbott | 3.33 |
| 1315 | Manual entry about reporting bugs? | 14 Feb 2020 10:49 | Manual/documentation | Support | John Abbott | 1.01 |
| 1303 | Manual looking for "?" | 05 Mar 2020 12:03 | Manual/documentation | Bug | John Abbott | 0.75 |
| 1258 | Manual page for CantStop | 09 Mar 2020 13:18 | Manual/documentation | Support | Anna Maria Bigatti | |
| 1316 | Matrix row reduction (rref) | 19 Feb 2020 11:31 | CoCoA-5 function: new | Feature | John Abbott | 2.88 |
| 1439 | New function: LinearForm | 20 Mar 2020 12:55 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 5.2 |
| 1243 | New function: Read a string into a list (of RingElem) -- CoCoA-5 | 28 Feb 2020 17:52 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 5.0 |
| 1384 | NewPolyRing and SymbolRange | 13 Feb 2020 09:29 | enhancing/improving | Bug | Anna Maria Bigatti | |
| 1273 | NewPolyRing and SymbolRange together make a crash | 13 Feb 2020 09:26 | bug | Bug | John Abbott | 1.99 |
| 1383 | NewPolyRing on MS Windows | 13 Feb 2020 09:30 | bug | Bug | John Abbott | 0.99 |
| 1290 | NewPolyRing: allow symbols with just head and no indices? | 15 Feb 2020 10:28 | enhancing/improving | Feature | John Abbott | 0.99 |
| 1220 | NewRingFp obsolescent; superseded by NewZZmod | 01 Oct 2019 14:41 | Cleaning | Support | John Abbott | 1.0 |
| 781 | Option to "fold" long lines? | 04 Mar 2020 15:41 | EmacsUI | Feature | John Abbott | 0.66 |
| 1401 | Parolacce e basi border | 13 Feb 2020 17:22 | CoCoA-4 function to be added | Feature | John Abbott | |
| 1230 | PrimaryDecomposition with lex ordering | 13 Feb 2020 10:09 | Incomplete function | Bug | Anna Maria Bigatti | 1.23 |
| 1321 | RealRoots fails on -x^2 | 01 Oct 2019 14:11 | bug | Bug | John Abbott | 0.67 |
| 1222 | Release CoCoA-5.3.0 | 30 Apr 2020 15:12 | Release | Support | Anna Maria Bigatti | 3.99 |
| 1322 | SEGV when debugging is active | 27 Sep 2019 17:14 | bug | Bug | John Abbott | 1.11 |
| 1421 | SEGV: error("") | 26 Feb 2020 16:27 | bug | Bug | John Abbott | 0.99 |
| 1382 | SEGV: should have been harmless | 09 Jan 2020 11:21 | bug | Bug | John Abbott | 1.01 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|------|---|-------------------|------------------------------|---------|--------------------|----------------|
| 1247 | sleep function | 04 Mar 2019 18:00 | CoCoA-5 function: new | Feature | John Abbott | 1.99 |
| 1274 | SortBy and SortedBy sometimes give wrong result | 11 Oct 2019 22:02 | bug | Bug | John Abbott | 1.55 |
| 1334 | sylvester or SylvesterMat? | 29 Jan 2021 11:59 | Renaming | Design | John Abbott | 2.77 |
| 1231 | system command | 27 Sep 2019 17:25 | CoCoA-4 function to be added | Feature | John Abbott | |
| 1311 | THINGS TO DO IN GENOVA September 2019 | 14 Feb 2020 10:54 | Release | Support | | |
| 1400 | Title of manual entry: tutorial on operations on polynomials | 14 Feb 2020 13:43 | Manual/documentation | Support | John Abbott | 0.66 |
| 168 | Type info in CoCoA-5 manual | 10 Oct 2019 17:37 | Manual/documentation | Bug | Anna Maria Bigatti | |
| 1333 | Typevectors | 30 Apr 2020 15:02 | Manual/documentation | Support | Anna Maria Bigatti | 2.22 |
| 997 | Using protected variable names for "bound variables" (e.g. for, try...endtry) | 04 Mar 2020 19:09 | Parser/Interpreter | Design | John Abbott | 0.99 |
| 1385 | valgrind: reports 456byte leak | 13 Feb 2020 16:09 | Cleaning | Bug | John Abbott | 0.66 |
| 1120 | Web site | 28 Feb 2020 17:08 | Release | Design | Anna Maria Bigatti | 16.0 |
| 1286 | Website: trouble with the world map | 14 Feb 2020 17:10 | bug | Bug | Anna Maria Bigatti | 1.44 |
| 1404 | Which commands should "terms" be a keyword for? | 04 Mar 2020 19:00 | Manual/documentation | Support | John Abbott | 0.75 |
| 1312 | Wrong links on page about COCOA School in Sapporo | 14 Feb 2020 10:51 | Manual/documentation | Support | Anna Maria Bigatti | |

None (10)

| | | | | | | |
|------|--|-------------------|----------------|---------|-----------------|------|
| 197 | ./C5.bin: fork: Resource temporarily unavailable | 05 Mar 2014 12:21 | GUI | Bug | | |
| 327 | C++ integer shift operators | 04 Mar 2013 11:27 | Portability | Bug | John Abbott | |
| 75 | Documentation review by Caleo | 30 Nov 2012 16:26 | Documentation | Support | | 75.0 |
| 141 | Memory leak using Elim in C5 | 13 Jul 2012 15:51 | Portability | Bug | | 4.0 |
| 425 | Osnabrueck 2014-01 | 10 Jul 2014 13:35 | Administration | Support | | |
| 402 | Problem with 64-bit BOOST on Linux (Werner) | 23 Oct 2013 21:44 | Portability | Bug | John Abbott | |
| 213 | test-Normaliz1.C | 01 Oct 2012 15:43 | Various | Feature | Christof Soeger | |
| 1341 | Test: redmine problem | 16 Oct 2019 15:02 | | Bug | John Abbott | |
| 118 | unistd and call to access in Main.C | 20 Mar 2014 17:22 | Portability | Bug | John Abbott | 8.0 |
| 247 | Use gmp default location if possible | 08 Oct 2012 16:23 | | Feature | Christof Soeger | 8.0 |

CoCoA-5.0.2 (17)

| | | | | | | |
|----|--|-------------------|------------------------------|---------|--------------------|-------|
| 80 | "<=" for ideals | 23 Jan 2012 14:31 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 1.0 |
| 12 | Add "syntax" to online manual | 09 Nov 2011 11:32 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 3.5 |
| 27 | CoCoA-5 Manual | 01 Jun 2012 17:59 | Manual/documentation | Bug | Anna Maria Bigatti | 150.0 |
| 88 | Makefile problem with GUI on linux | 02 Apr 2012 16:26 | GUI | Bug | | 1.0 |
| 33 | Modify the packages so that -w3 produces no warnings during start-up | 23 Jan 2012 14:13 | Parser/Interpreter | Bug | Anna Maria Bigatti | 4.3 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|-----|---|-------------------|------------------------------|---------|--------------------|----------------|
| 54 | MSVC10 - #include <iterator> | 03 Apr 2012 19:00 | Portability | Bug | | 4.0 |
| 57 | MSVC10 - BOOST_SCOPE_EXIT | 13 Jul 2012 15:51 | Portability | Bug | | |
| 58 | MSVC10 - more things and overhead | 13 Jul 2012 15:52 | Portability | Bug | | |
| 60 | MSVC10 - shared_ptr | 26 Jan 2012 14:59 | Portability | Bug | | 1.0 |
| 55 | MSVC10 - static member fields | 03 Apr 2012 18:58 | Portability | Bug | John Abbott | |
| 56 | MSVC10 - unistd.h | 03 Apr 2012 18:53 | Portability | Bug | John Abbott | |
| 53 | MSVC10 compilation | 01 Jun 2012 18:35 | Portability | Bug | | |
| 77 | Porting package "primary.cpkg" to cocoa-5 | 19 Jan 2012 11:38 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 12.0 |
| 115 | PP ordering bug | 28 Mar 2012 14:29 | Parser/Interpreter | Bug | Anna Maria Bigatti | 1.0 |
| 109 | SmoothFactor should allow large first arg | 19 Mar 2012 18:01 | Parser/Interpreter | Bug | Anna Maria Bigatti | 0.5 |
| 79 | Sort entries in CoCoAHelp.xml and write code on OnlineHelp.C to check sorting | 23 Jan 2012 14:11 | Manual/documentation | Bug | Anna Maria Bigatti | 0.5 |
| 108 | Unhandled division by zero in FFp | 20 Mar 2012 16:21 | Parser/Interpreter | Bug | Anna Maria Bigatti | 2.0 |

CoCoA-5.0.3 (41)

| | | | | | | |
|-----|---|-------------------|------------------------------|---------|--------------------|------|
| 309 | (Multi)BlockMatrix | 31 May 2013 14:41 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | |
| 293 | Add CpuTime to C5 manual | 11 Feb 2013 12:03 | Manual/documentation | Support | Anna Maria Bigatti | |
| 172 | add customization for --fullCoCoALibError in EmacsUI | 01 Jun 2012 17:36 | EmacsUI | Feature | Anna Maria Bigatti | 1.0 |
| 103 | Bad error mesg using operator ":" | 04 Jul 2012 09:57 | Parser/Interpreter | Bug | John Abbott | 2.0 |
| 185 | Banner for CoCoA-5 | 04 Jul 2012 10:03 | Parser/Interpreter | Feature | Anna Maria Bigatti | |
| 344 | basic_string::erase error in interpreter | 24 May 2013 18:55 | Parser/Interpreter | Bug | John Abbott | |
| 207 | BuiltIn Normaliz functions not available in C5 gui | 01 Aug 2012 15:09 | GUI | Bug | Anna Maria Bigatti | |
| 249 | BuiltIn Normaliz functions not available in CoCoA5Interpreter | 21 May 2013 18:09 | Portability | Bug | Anna Maria Bigatti | |
| 347 | C5 cannot compute derivative of a ratfn | 19 Feb 2014 21:34 | CoCoA-5 function: new | Feature | John Abbott | |
| 348 | CoCoA website: CoCoA-5.0.3 pages | 01 Apr 2014 18:29 | Release | Support | Anna Maria Bigatti | |
| 131 | Conversion from bool to INT | 04 Jul 2012 09:59 | CoCoA-5 function: new | Feature | John Abbott | |
| 267 | Cyclotomic(106743) fails | 21 May 2013 18:03 | Incomplete function | Bug | John Abbott | |
| 166 | Dim/Multiplicity with Lex ordering -- NYI | 21 May 2013 18:07 | Incomplete function | Bug | Anna Maria Bigatti | |
| 280 | EmacsUI: indentation is wrong with parentheses | 21 May 2013 17:34 | EmacsUI | Bug | John Abbott | |
| 52 | GUI: problem with "--" comment | 04 Jul 2012 10:01 | GUI | Bug | John Abbott | 5.0 |
| 19 | How to get the version number of CoCoA-5? | 14 Nov 2012 11:34 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | |
| 192 | indent prints strings without quotes | 14 Nov 2012 11:30 | Incomplete function | Bug | Anna Maria Bigatti | 2.0 |
| 343 | Interpreter SEGV | 24 May 2013 14:41 | Parser/Interpreter | Bug | John Abbott | |
| 137 | JAA does not like the name IndetInd | 08 Jun 2012 17:30 | Parser/Interpreter | Bug | Anna Maria Bigatti | 3.25 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|-------------------------|--|-------------------|------------------------------|---------|--------------------|----------------|
| 186 | LCM(0,x) | 04 Jul 2012 09:57 | Incomplete function | Bug | John Abbott | 2.0 |
| 217 | Makedependencies of CoCoA-5 fails if BOOST is absent | 21 May 2013 18:32 | Portability | Bug | John Abbott | 4.0 |
| 189 | malloc ERROR | 04 Jul 2012 10:01 | Parser/Interpreter | Bug | John Abbott | |
| 333 | manual entry for "indent" | 21 May 2013 17:24 | Manual/documentation | Support | Anna Maria Bigatti | 1.0 |
| 336 | Mat(Module) should give error | 06 Jul 2015 07:43 | CoCoA-4 function: obsolete | Feature | Anna Maria Bigatti | 1.0 |
| 184 | MAT/INT ? MAT/RINGELEM ? | 04 Jul 2012 09:58 | CoCoA-5 function: new | Feature | John Abbott | |
| 158 | May AsRAT produce an INT? | 08 Jun 2012 17:26 | CoCoA-5 function: new | Bug | John Abbott | 2.75 |
| 159 | Multiplicity sometimes wrong | 08 Jun 2012 17:29 | Incomplete function | Bug | Anna Maria Bigatti | 3.5 |
| 212 | NBM: add to CoCoA-5 | 24 Feb 2014 18:07 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | |
| 102 | Packages: should exported functions be automatically "Protect"ed? | 18 Feb 2013 18:30 | Parser/Interpreter | Bug | John Abbott | |
| 98 | RealRoots should use IsRational | 04 Jul 2012 09:56 | Incomplete function | Bug | John Abbott | 4.0 |
| 163 | RealRootsApprox bombs | 13 Jul 2012 15:27 | Incomplete function | Bug | John Abbott | |
| 162 | RegularityIndex <= 0 | 08 Jun 2012 17:20 | Incomplete function | Bug | Anna Maria Bigatti | 2.5 |
| 292 | Rename IndetsCalled to indets | 21 May 2013 18:38 | Renaming | Design | John Abbott | |
| 201 | segmentation fault with function defined in package ("PrintHGIndices"): First and Last | 04 Jul 2012 09:45 | Parser/Interpreter | Bug | Anna Maria Bigatti | 1.5 |
| 191 | Slow lex gbasis | 21 May 2013 18:33 | Portability | Slug | John Abbott | |
| 8 | source region | 21 May 2013 17:12 | CoCoA-5 function: new | Feature | John Abbott | |
| 110 | Surprise return type for GCD of a list of ints | 09 Nov 2015 15:32 | CoCoA-4 function to be added | Bug | John Abbott | 15.0 |
| 271 | test lecture-HF4 | 24 Oct 2012 14:51 | Cleaning | Bug | Anna Maria Bigatti | |
| 220 | Trouble on Linux: many CoCoA-5 tests fail (0.9952) | 21 May 2013 18:31 | Portability | Bug | John Abbott | 3.0 |
| 194 | Unhandled CoCoALib error: mixed rings with IsIn operator (for ideal membership) | 04 Jul 2012 09:56 | Parser/Interpreter | Bug | John Abbott | |
| 128 | wordlist.txt generation | 07 Jun 2012 18:31 | EmacsUI | Feature | Anna Maria Bigatti | 3.0 |
| CoCoA-5.0.3 (2) | | | | | | |
| 266 | Compilation on M\$Windows: cygwin | 15 Sep 2014 18:03 | Portability | Support | Anna Maria Bigatti | |
| 214 | gmp header location assumption in configure script | 04 Oct 2012 13:00 | Portability | Feature | John Abbott | |
| CoCoA-5.0.9 (30) | | | | | | |
| 380 | Add Frobbly functions to cocoa-5 | 24 Feb 2014 18:15 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | |
| 365 | add function to compute minimal generators (like Minimalize) | 15 May 2015 11:19 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 4.2505 |
| 105 | Add I*f and f*I (RINGELEM and IDEAL) | 01 Apr 2014 18:46 | Parser/Interpreter | Feature | John Abbott | 3.0 |
| 372 | add IsFactorClosed | 21 Mar 2014 11:35 | CoCoA-5 function: new | Feature | John Abbott | |
| 392 | add Value::from(factorization<..>) | 01 Aug 2013 07:32 | Parser/Interpreter | Feature | Anna Maria Bigatti | |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|----------------------------------|---|-------------------|------------------------------|---------|--------------------|----------------|
| 393 | add Value::from(HPSeries) | 01 Aug 2013 07:35 | Parser/Interpreter | Feature | Anna Maria Bigatti | |
| 193 | BuiltinFunctions.C getting too long (2000 lines) | 01 Aug 2013 08:10 | Parser/Interpreter | Feature | Anna Maria Bigatti | |
| 503 | CoCoA website: CoCoA-5.0.9 pages | 11 Apr 2014 14:55 | Release | Support | Anna Maria Bigatti | 1.0 |
| 450 | CoCoA-5.0.9 release (admin, overheads, etc) | 11 Apr 2014 14:59 | Release | Support | John Abbott | 6.0 |
| 325 | CoCoAManual: display syntax first | 31 Jul 2014 17:36 | Manual/documentation | Support | Anna Maria Bigatti | 4.0 |
| 32 | Elim(t, l) | 02 Apr 2014 17:18 | CoCoA-4 function to be added | Bug | Anna Maria Bigatti | 1.0 |
| 449 | Emacs UI: names of emacs fns | 02 Apr 2014 18:36 | Renaming | Design | Anna Maria Bigatti | 0.5 |
| 423 | Emacs UI: semicolon does not work in emacs-24.3 | 02 Apr 2014 18:34 | EmacsUI | Bug | Anna Maria Bigatti | 1.0 |
| 445 | EmacsUI: indentation is wrong sometimes (e.g. if Lambda1 is on previous line) | 02 Apr 2014 18:35 | EmacsUI | Bug | John Abbott | 1.5 |
| 306 | Function for accessing the pointed value | 21 Mar 2014 11:31 | Parser/Interpreter | Feature | Anna Maria Bigatti | |
| 93 | Hilbert series: global output rings for non-standard gradings | 23 Jul 2013 18:13 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 5.0 |
| 226 | HilbertBasis segv | 02 Apr 2014 18:30 | Incomplete function | Bug | Anna Maria Bigatti | 6.0 |
| 318 | implement "indent" for modules | 01 Aug 2013 07:29 | Incomplete function | Feature | Anna Maria Bigatti | |
| 364 | Incr command/function | 03 Apr 2014 20:20 | Parser/Interpreter | Design | John Abbott | 1.0 |
| 446 | intersection fails with zero ideal | 02 Apr 2014 18:35 | Incomplete function | Bug | Anna Maria Bigatti | 3.0 |
| 331 | Is it possible to have R^3 for $\text{NewFreeModule}(R,3)$? | 15 Mar 2013 17:01 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | |
| 443 | lambda keyword | 02 Apr 2014 18:35 | Renaming | Bug | John Abbott | 5.5 |
| 90 | Make the new fn CoefficientsWRT available in C5 | 28 Nov 2012 11:31 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 7.6 |
| 444 | Not keyword/operator | 02 Apr 2014 18:35 | Cleaning | Bug | John Abbott | 3.5 |
| 370 | OnlineHelp: Problem with "><" in syntax of CartesianProduct | 21 Mar 2014 11:30 | Manual/documentation | Support | Anna Maria Bigatti | |
| 237 | port homog/homogenized for ideal to cocoa-5 | 01 Aug 2013 07:23 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | |
| 394 | problem with ContentFreeFactor (and missing manual entry) | 03 Apr 2014 20:10 | Manual/documentation | Bug | John Abbott | 0.5 |
| 371 | Resurrect LinearSimplify | 07 Mar 2014 15:25 | CoCoA-4 function to be added | Feature | John Abbott | |
| 328 | Swap | 25 Mar 2014 15:11 | CoCoA-5 function: new | Feature | John Abbott | |
| 418 | What does interreduce do? | 02 Apr 2014 18:30 | Incomplete function | Bug | Anna Maria Bigatti | 2.0 |
| CoCoA-5.1.0 Easter14 (49) | | | | | | |
| 200 | add modules and module operations | 15 May 2015 09:02 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 27.0 |
| 284 | BuiltinFunctions: more flexible typing in one-line function declaration | 08 Apr 2014 08:25 | Parser/Interpreter | Feature | | 0.25 |
| 238 | Cleaner CVS? | 10 Jul 2014 13:33 | Administration | Bug | John Abbott | |
| 447 | CoCoA-5.0.3 Microsoft std::bad_alloc | 22 May 2014 17:20 | Portability | Bug | Anna Maria Bigatti | 2.0 |
| 495 | CoCoAManual: add page about creating lists | 02 Jul 2014 16:51 | Manual/documentation | Support | John Abbott | 1.5 |
| 176 | CoCoAManual: Doc for new commands | 02 Jul 2014 16:48 | Manual/documentation | Support | Anna Maria Bigatti | 3.0 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|-----|--|-------------------|------------------------------|---------|--------------------|----------------|
| 489 | CoCoAManual: Doc for strings | 02 Jul 2014 16:52 | Manual/documentation | Support | John Abbott | 4.0 |
| 188 | CoCoAManual: entries for operators | 02 Jul 2014 16:46 | Manual/documentation | Feature | Anna Maria Bigatti | 5.0 |
| 334 | CoCoAManual: entry for "and", "or", "not" operators | 02 Jul 2014 16:47 | Manual/documentation | Support | Anna Maria Bigatti | 2.0 |
| 542 | CoCoAManual: improve part on data-types | 02 Jul 2014 16:40 | Manual/documentation | Support | Anna Maria Bigatti | 20.0 |
| 555 | CoCoAManual: improve part on language | 02 Jul 2014 16:40 | Manual/documentation | Support | Anna Maria Bigatti | 20.0 |
| 558 | CoCoAManual: semi-automatic check of all input | 01 Aug 2014 10:57 | Manual/documentation | Support | Anna Maria Bigatti | 8.0 |
| 94 | Default reason for protected variables | 24 Apr 2014 13:16 | Parser/Interpreter | Bug | John Abbott | 3.0 |
| 208 | describe \$package | 06 May 2014 18:14 | Parser/Interpreter | Support | Anna Maria Bigatti | 2.0 |
| 475 | Eliminate package approx | 07 May 2014 17:32 | Cleaning | Design | John Abbott | 5.0 |
| 441 | Emacs UI: C-c C-e does not ignore keywords inside strings | 02 May 2014 17:21 | EmacsUI | Bug | John Abbott | 5.0 |
| 470 | Emacs UI: cocoa5-close-block should beep when there is no block to close | 15 Apr 2014 15:21 | EmacsUI | Bug | John Abbott | 3.0 |
| 494 | Emacs UI: installation on Mac OS 10.8.5 | 09 May 2014 13:20 | EmacsUI | Support | Anna Maria Bigatti | |
| 462 | Emacs UI: semicolon problems | 02 May 2014 17:18 | EmacsUI | Bug | John Abbott | 1.0 |
| 460 | Emacs UI: updating abbrev-table | 14 May 2014 16:30 | EmacsUI | Bug | Anna Maria Bigatti | |
| 381 | Emacs User Interface: Easier binding for sending a line to cocoa-5 | 07 May 2014 13:57 | EmacsUI | Feature | Anna Maria Bigatti | 8.0 |
| 523 | EmacsUI: lower case keywords | 07 May 2014 14:05 | EmacsUI | Feature | Anna Maria Bigatti | 3.0 |
| 419 | FloatStr | 24 Apr 2014 19:53 | Incomplete function | Feature | John Abbott | 2.0 |
| 225 | HilbertBasis: cocoa vs normaliz | 20 May 2014 17:54 | Manual/documentation | Support | Anna Maria Bigatti | 1.5 |
| 301 | How to obtain an integer from a finite field element? AsINT? | 24 Apr 2014 20:16 | CoCoA-5 function: new | Design | John Abbott | 2.0 |
| 367 | implement LF/DF for an ideal | 09 May 2014 12:51 | Incomplete function | Feature | Anna Maria Bigatti | 3.5 |
| 384 | IsZero for matrix | 07 May 2014 14:01 | Incomplete function | Feature | Anna Maria Bigatti | 2.5 |
| 463 | Make man page for "It" easier to read | 24 Apr 2014 20:26 | Manual/documentation | Support | John Abbott | 3.0 |
| 481 | Multiline comments -- obsolescent? | 02 May 2014 17:47 | Parser/Interpreter | Design | John Abbott | 4.0 |
| 473 | Multiline string literals - useful or obsolescent? | 07 May 2014 17:32 | Parser/Interpreter | Design | John Abbott | 5.0 |
| 529 | Naive version of resolution and Betti numbers | 09 May 2014 12:56 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 5.0 |
| 395 | Naming conventions: upper or lower case? | 14 Apr 2014 09:00 | Renaming | Support | Anna Maria Bigatti | 3.0 |
| 471 | Nested multiline comments | 02 May 2014 17:49 | Parser/Interpreter | Bug | John Abbott | 5.0 |
| 414 | New fn to increase max recursion depth | 02 May 2014 17:05 | CoCoA-5 function: new | Feature | John Abbott | 8.0 |
| 502 | New fn/object type: timer | 02 May 2014 16:49 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 3.0 |
| 362 | New function: IsZeroDivisor | 14 Apr 2014 09:14 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 2.0 |
| 532 | New package: OBSOLESCEMENT | 02 Jul 2014 16:54 | CoCoA-4 function: obsolete | Design | John Abbott | |
| 239 | Normaliz functions not available in C5 GUI (again!) | 14 Apr 2014 09:15 | GUI | Bug | John Abbott | 8.0 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|---------------------------------|--|-------------------|------------------------------|---------|--------------------|----------------|
| 18 | Printing matrices: I/O unified style for CoCoA-5? | 07 May 2014 14:10 | Cleaning | Feature | John Abbott | 7.5 |
| 472 | Record keyword | 14 Apr 2014 09:16 | Cleaning | Design | John Abbott | 1.0 |
| 559 | Release: CoCoA-5.1.0 | 14 Jul 2014 18:17 | Release | Support | Anna Maria Bigatti | 4.0 |
| 534 | Remove float.cpkg5 | 24 Apr 2014 19:09 | Cleaning | Design | John Abbott | 5.0 |
| 341 | Remove/replace the word "vector" in the manual | 11 Apr 2014 15:06 | Manual/documentation | Support | Anna Maria Bigatti | 0.5 |
| 398 | Resurrect ReInotes() | 02 Jul 2014 11:43 | Release | Support | Anna Maria Bigatti | 4.0 |
| 544 | sorted gives wrong answer sometimes | 07 May 2014 13:39 | Incomplete function | Bug | John Abbott | 4.0 |
| 514 | submodule: minimalize, minimalized | 09 May 2014 13:28 | Incomplete function | Feature | Anna Maria Bigatti | 2.5 |
| 509 | SyzOfGens (CoCoA-5) does not have correct shifts | 10 Apr 2014 18:02 | Incomplete function | Bug | Anna Maria Bigatti | 2.0 |
| 179 | TeX documentation for CoCoA-5 | 14 May 2014 16:56 | Manual/documentation | Support | Anna Maria Bigatti | 5.0 |
| 369 | write documentation for TgCone and other function from the "primary" package | 07 May 2014 14:07 | Manual/documentation | Support | Anna Maria Bigatti | 2.0 |
| CoCoA-5.1.1 Seoul14 (55) | | | | | | |
| 173 | Anonymous symbols: should they be available in CoCoA-5? | 02 Sep 2014 11:20 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 6.0 |
| 549 | Automatic conversion from RINGELEM to INT or RAT | 03 Sep 2014 16:00 | Incomplete function | Design | John Abbott | 5.0 |
| 132 | BringIn should allow reduction modulo p | 04 Sep 2014 12:05 | CoCoA-4 function to be added | Bug | Anna Maria Bigatti | 2.0 |
| 279 | Bug in Radical (actually a RingHom problem) | 03 Sep 2014 18:47 | Incomplete function | Bug | Anna Maria Bigatti | 20.0 |
| 525 | BuiltInFunctions: evalArgAsT1OrT2, evalArgAsT1OrT2OrT3, ... last argument | 27 Aug 2014 18:09 | Cleaning | Design | Anna Maria Bigatti | 2.5 |
| 294 | BuiltInFunctions: General "OneLiner" for arguments of different type | 05 Sep 2014 11:51 | Parser/Interpreter | Design | Anna Maria Bigatti | 2.0 |
| 524 | BuiltInFunctions: remove calls to WrongTypeException | 28 Jul 2014 11:48 | Parser/Interpreter | Bug | Anna Maria Bigatti | 3.0 |
| 552 | C5 BuiltinFunctions.c fn RingElem | 04 Sep 2014 12:18 | Incomplete function | Bug | John Abbott | 1.0 |
| 594 | CharPoly(MAT) and MinPoly(MAT) work in different settings: unify behaviour | 02 Sep 2014 11:03 | Incomplete function | Bug | Anna Maria Bigatti | 2.5 |
| 493 | Cleanup Hilbert package hp.cpkg5 | 31 Jul 2014 15:06 | Cleaning | Design | Anna Maria Bigatti | 2.0 |
| 488 | CoCoAManual: Help page for porting old C4 code to C5 | 04 Sep 2014 12:29 | Manual/documentation | Support | Anna Maria Bigatti | |
| 556 | CoCoAManual: improve part on tagging | 04 Sep 2014 18:31 | Manual/documentation | Support | Anna Maria Bigatti | 3.0 |
| 456 | CoCoAManual: New structure for manual? | 05 Sep 2014 11:38 | Manual/documentation | Support | Anna Maria Bigatti | 3.0 |
| 34 | CoCoAManual: obsolete entries in the manual | 02 Sep 2014 11:30 | Manual/documentation | Bug | Anna Maria Bigatti | 15.0 |
| 324 | Correct font for variable references in description | 31 Jul 2014 15:15 | Manual/documentation | Support | | |
| 576 | Disallow juxtaposition for string literals? | 26 Jun 2014 15:33 | Parser/Interpreter | Design | John Abbott | |
| 270 | Distribution for linux | 11 Sep 2014 17:42 | Release | Feature | Anna Maria Bigatti | |
| 607 | Emacs UI; remove send-buffer? | 02 Sep 2014 11:02 | EmacsUI | Design | John Abbott | 0.5 |
| 608 | Emacs UI: C-return for send-line and send-region | 03 Sep 2014 13:43 | EmacsUI | Feature | John Abbott | |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|-----|--|-------------------|------------------------------|---------|--------------------|----------------|
| 567 | Emacs UI: coloured syntax in output buffer has problems if error message shows a single double-quote | 02 Jul 2014 16:11 | EmacsUI | Design | Anna Maria Bigatti | 1.0 |
| 397 | EMACS UI: fix windows splitting | 02 Jul 2014 16:03 | EmacsUI | Bug | Anna Maria Bigatti | |
| 464 | Emacs UI: split horizontally instead of vertically? | 03 Sep 2014 13:40 | EmacsUI | Feature | Anna Maria Bigatti | 10.0 |
| 433 | EMACS UI: trouble with sending a long line | 02 Sep 2014 11:10 | EmacsUI | Bug | John Abbott | 4.4 |
| 561 | Emacs UI: unrecognized keywords (ImportByValue...) | 02 Sep 2014 11:21 | EmacsUI | Feature | Anna Maria Bigatti | 2.0 |
| 484 | Evaluate in other ring (was called :: in CoCoA-4) | 11 Sep 2014 17:43 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 1.51 |
| 25 | Function "Call" | 05 Sep 2014 11:31 | CoCoA-4 function: obsolete | Feature | Anna Maria Bigatti | 2.5 |
| 99 | Function "insert": obsolescent | 27 Aug 2014 18:17 | CoCoA-4 function: obsolete | Slug | Anna Maria Bigatti | 2.0 |
| 596 | function "packages" | 24 Jul 2014 09:56 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 1.5 |
| 20 | How to get the compilation flags of CoCoA-5? | 28 Jul 2014 17:44 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | |
| 286 | How to test (automatically) a user defined CoCoA function | 04 Sep 2014 13:46 | Manual/documentation | Support | Anna Maria Bigatti | |
| 546 | ideal wants LIST of RINGELEM | 02 Sep 2014 11:08 | Cleaning | Design | Anna Maria Bigatti | 0.9 |
| 518 | incr/decr functions: to be used in packages | 15 Sep 2014 18:27 | Cleaning | Feature | Anna Maria Bigatti | 1.5 |
| 321 | interpreter proposes no near misses for "bin" | 04 Sep 2014 12:54 | Parser/Interpreter | Bug | John Abbott | 4.1 |
| 543 | Interpreter: problem when calling the manual with trailing spaces and comments | 27 Aug 2014 18:19 | Manual/documentation | Bug | Anna Maria Bigatti | 2.5 |
| 338 | MacOS version with static gcc libraries | 04 Sep 2014 12:39 | Portability | Support | Anna Maria Bigatti | 8.0 |
| 245 | Meaningful error for functions defined in "missing" external library | 11 Sep 2014 17:40 | Portability | Feature | Anna Maria Bigatti | |
| 104 | Misprints suggestions: Z --> ZZ | 11 Sep 2014 17:38 | Parser/Interpreter | Bug | John Abbott | 3.0 |
| 403 | Misuse of dot-dot operator | 29 Jul 2014 16:26 | Parser/Interpreter | Design | John Abbott | 2.2 |
| 204 | NmzComputation: the powerful NormalizComputation function in CoCoA-5 | 11 Sep 2014 17:39 | CoCoA-5 function: new | Feature | Christof Soeger | |
| 566 | Online help: problem with "<>" | 16 Jul 2014 12:32 | Manual/documentation | Bug | John Abbott | 2.0 |
| 609 | Package "empty.cpkg5" | 03 Sep 2014 13:39 | Manual/documentation | Support | Anna Maria Bigatti | 0.9 |
| 273 | Package for Polynomial Algebra Homomorphisms | 29 Jul 2014 09:31 | CoCoA-5 function: new | Feature | Giulia Bianco | 50.0 |
| 553 | Port function MantissaAndExponent2 | 03 Sep 2014 12:36 | CoCoA-5 function: new | Feature | John Abbott | 4.0 |
| 605 | Release: CoCoA-5.1.1 | 15 Sep 2014 18:06 | Release | Support | Anna Maria Bigatti | 8.0 |
| 563 | Remove ZMOD type from CoCoAInterpreter | 01 Sep 2014 18:30 | Parser/Interpreter | Design | John Abbott | 2.0 |
| 595 | rename BigIntValue, IdealValue --> INTValue, IDEALValue? or even INT, IDEAL? | 04 Sep 2014 13:33 | Parser/Interpreter | Design | Anna Maria Bigatti | 10.0 |
| 603 | Resume CheckArgTypes | 05 Sep 2014 11:28 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 1.0 |
| 588 | Resume code for "gin" (generic initial ideal) | 15 Sep 2014 18:28 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 2.0 |
| 615 | Resume MayerVietorisTreeN1 | 05 Sep 2014 11:28 | CoCoA-4 function to be added | Feature | Winfried Bruns | |
| 382 | Subtle bug with CoeffEmbeddingHom | 28 Jul 2014 21:50 | Incomplete function | Bug | John Abbott | 1.1 |
| 330 | Syzygy for modules: homogeneous module | 28 Jul 2014 16:35 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 2.0 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|-------------------------------------|---|-------------------|------------------------------|---------|--------------------|----------------|
| 182 | Unescaped double quote inside superstring | 26 Jun 2014 15:11 | Parser/Interpreter | Bug | John Abbott | 7.5 |
| 378 | Ungraceful behaviour: Source inside For loop | 27 Aug 2014 18:06 | Parser/Interpreter | Bug | Anna Maria Bigatti | 2.0 |
| 541 | Unify releases for Linux 32 and Linux 64 | 11 Sep 2014 17:40 | Portability | Support | John Abbott | |
| 307 | Value::from makes BigIntValue::fromInt obsolete? | 05 Sep 2014 11:43 | Parser/Interpreter | Design | Anna Maria Bigatti | 1.0 |
| CoCoA-5.1.2 summer 2015 (29) | | | | | | |
| 717 | CoCoAManual: improve part on RINGHOM | 29 Jul 2015 16:25 | Manual/documentation | Support | Anna Maria Bigatti | 1.5 |
| 332 | Approx pts preprocessing fns | 29 Jul 2015 21:41 | CoCoA-4 function to be added | Design | John Abbott | 2.77 |
| 317 | BuiltInFunctions: evalArgAsLong | 29 Jul 2015 16:15 | Parser/Interpreter | Feature | Anna Maria Bigatti | 3.01 |
| 164 | CoCoA-5 emacs interface bug (minor): Source & SourceRegion with troublesome filenames | 29 Jul 2015 21:37 | EmacsUI | Bug | John Abbott | 1.0 |
| 466 | CoCoAManual: add entry summarising syntax of all CoCoA-5 commands | 29 Jul 2015 12:12 | Manual/documentation | Feature | Anna Maria Bigatti | 2.0 |
| 490 | Duplicate fns: valuation and FactorMultiplicity | 30 Jul 2015 17:15 | Cleaning | Design | John Abbott | 3.9 |
| 699 | Emacs UI: set back "cocoa5-executable" to "CoCoAInterpreter"? | 18 May 2015 17:10 | EmacsUI | Bug | Anna Maria Bigatti | 2.0 |
| 684 | Emacs UI: wrong name after auto-inserting enddefine | 20 Apr 2015 11:17 | EmacsUI | Bug | John Abbott | 2.5 |
| 652 | Flag to enable/disable printing of list of loaded packages | 29 Jul 2015 16:24 | enhancing/improving | Feature | John Abbott | 6.01 |
| 643 | GenRepr fails if there are zero generators | 26 Jun 2015 12:13 | Incomplete function | Bug | Anna Maria Bigatti | 3.0 |
| 251 | How to add a test for CoCoA-5 (CoCoAInterpreter) | 29 Jul 2015 12:12 | Manual/documentation | Support | Anna Maria Bigatti | 1.5 |
| 485 | Initialization for CoCoA-5: file init.cocoa5 | 30 Jun 2015 11:34 | CoCoA-4 function to be added | Feature | John Abbott | 5.0 |
| 522 | Manual: duplication in "see also" and "All other matches" | 29 Jul 2015 16:21 | Manual/documentation | Support | Anna Maria Bigatti | 2.0 |
| 706 | meaningful error for IDEAL <= IDEAL | 28 Jul 2015 14:32 | Parser/Interpreter | Support | Anna Maria Bigatti | 1.0 |
| 622 | New function: RandomSubset | 30 Jun 2015 14:19 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 6.01 |
| 590 | package for subalgebras | 26 Jun 2015 16:58 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 2.01 |
| 733 | Primary Decomposition in CoCoA-5.1.2: zero dimensional, finite characteristic | 06 Aug 2015 10:59 | CoCoA-5 function: new | Feature | Elisa Palezzato | 15.0 |
| 732 | Primary Decomposition in CoCoA-5: port Luis Garcia's package(cocoa-4) | 30 Jun 2015 15:20 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 5.0 |
| 548 | Printing rings with ID | 29 Jul 2015 12:43 | Incomplete function | Support | Anna Maria Bigatti | 7.501 |
| 745 | Readline: avoid printing out READLINE twice | 29 Jul 2015 15:18 | External Libs | Bug | John Abbott | |
| 719 | Readline: consider creating a textual interpreter with readline | 28 Jul 2015 15:56 | enhancing/improving | Feature | John Abbott | 5.0 |
| 616 | Release: CoCoA-5.1.2 | 16 Feb 2016 17:31 | Release | Support | Anna Maria Bigatti | 15.0 |
| 668 | Remove keyword "weights"? | 27 Jul 2015 15:16 | Parser/Interpreter | Design | Anna Maria Bigatti | 4.01 |
| 654 | Rename adjoint to adjugate??? | 28 Jun 2015 21:00 | Renaming | Support | John Abbott | 1.9 |
| 704 | rename MinGensGeneral? | 29 Jul 2015 16:15 | Renaming | Feature | Anna Maria Bigatti | 1.0 |
| 359 | RingOf for list | 30 Jun 2015 15:10 | CoCoA-4 function to be added | Feature | Anna Maria Bigatti | 2.0 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|------------------------------------|---|-------------------|------------------------------|---------|--------------------|----------------|
| 352 | Should SourceRegion echo the "region"? | 30 Jul 2015 14:19 | Parser/Interpreter | Feature | Anna Maria Bigatti | 4.44 |
| 634 | Symbol in the coeff ring | 22 Oct 2014 20:02 | enhancing/improving | Design | John Abbott | |
| 726 | TopLevel cannot "import" a package variable | 27 Jul 2015 15:06 | enhancing/improving | Bug | John Abbott | 7.0 |
| CoCoA-5.1.3/4 Jan 2016 (17) | | | | | | |
| 117 | Added 3 times defn of isblank fn | 17 Feb 2016 13:25 | Portability | Bug | John Abbott | 2.0 |
| 782 | BuiltinFunctions -- getting too long again! | 16 Feb 2016 17:58 | Parser/Interpreter | Design | Anna Maria Bigatti | 2.0 |
| 766 | CoCoA version number: copy CoCoALib | 02 May 2017 14:42 | Release | Design | Anna Maria Bigatti | |
| 650 | CoCoA-5 test (SourceAnna); problem in HilbertPoly | 23 Mar 2016 10:18 | enhancing/improving | Bug | Anna Maria Bigatti | |
| 751 | description of a RING | 05 May 2017 16:07 | enhancing/improving | Feature | Anna Maria Bigatti | 6.01 |
| 698 | Emacs UI: problems with packages on windows | 16 Feb 2016 17:50 | EmacsUI | Bug | Anna Maria Bigatti | 2.0 |
| 761 | Evaluating a QuasiPol | 17 Feb 2016 11:26 | CoCoA-5 function: new | Feature | John Abbott | 2.0 |
| 345 | Interpreter interrupt delayed confusingly | 04 Dec 2017 11:45 | Parser/Interpreter | Bug | John Abbott | 2.01 |
| 844 | IsMaximal, IsPrimary for IDEAL (in cocoa language) | 16 Feb 2016 17:43 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 2.0 |
| 632 | MacOSX: many warnings with compiler CLANG/LLVM when compiling BOOST code. | 14 Oct 2022 16:25 | Portability | Support | John Abbott | |
| 771 | New fns: MaxBy and MinBy to find minimum/maximum of a list wrt a given order | 17 Feb 2016 12:40 | CoCoA-5 function: new | Feature | John Abbott | |
| 314 | odd and even numbers for snapshots/official versions? | 23 Mar 2016 10:43 | Release | Support | Anna Maria Bigatti | |
| 760 | Primary Decomposition in CoCoA-5.1.3: zero dimensional, finite characteristic | 17 Feb 2016 10:55 | CoCoA-5 function: new | Feature | Elisa Palezzato | |
| 843 | Release: CoCoA-5.1.3 and CoCoA-5.1.4 | 04 Dec 2017 11:46 | Release | Support | Anna Maria Bigatti | 15.0 |
| 767 | Rename Log to exponents | 17 Feb 2016 13:02 | enhancing/improving | Support | John Abbott | |
| 768 | Rename LogToTerm to MakeTerm | 17 Feb 2016 13:05 | enhancing/improving | Support | John Abbott | 0.9 |
| 700 | Which external libs are present? | 18 Feb 2016 15:52 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 1.0 |
| CoCoA-5.2.2 (42) | | | | | | |
| 1067 | "Randomize" and "Randomized" obsolete? | 15 Nov 2017 17:02 | CoCoA-4 function to be added | Design | John Abbott | 1.55 |
| 741 | C5 GUI: slow to close | 13 Nov 2017 15:46 | GUI | Slug | John Abbott | 2.75 |
| 940 | Check all fns in packages work even without BackwardCompatible.cpkg5 | 04 Dec 2017 11:16 | enhancing/improving | Support | John Abbott | |
| 1021 | CoCoA Manual: search should ignore multiple spaces | 15 Nov 2017 17:19 | Manual/documentation | Feature | John Abbott | 1.88 |
| 439 | CoCoA website: download pages and installing instructions | 11 Dec 2017 18:14 | Manual/documentation | Support | Anna Maria Bigatti | 3.01 |
| 187 | CoCoA-5 (partial) releases: make the process simpler | 16 Jan 2018 15:35 | Release | Support | Anna Maria Bigatti | 45.0 |
| 1000 | CoCoAManual for "all cocoa commands" | 15 Dec 2017 16:20 | Manual/documentation | Support | Anna Maria Bigatti | 2.01 |
| 1023 | CoCoAManual for verbosity: how to find which levels? how to find which functions? | 12 Dec 2017 11:01 | Manual/documentation | Support | Anna Maria Bigatti | |
| 1055 | CoCoAManual: duplication (2 pages for operators) | 11 Dec 2017 17:10 | Manual/documentation | Bug | Anna Maria Bigatti | |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|------|--|-------------------|------------------------------|---------|--------------------|----------------|
| 1074 | CoCoAManual: entry for radical | 15 Dec 2017 15:41 | Manual/documentation | Support | Anna Maria Bigatti | |
| 545 | Compiler g++ 4.2.1 (clang-503.0.40) on MacOSX 10.9: warnings and errors | 12 Mar 2019 16:40 | Portability | Bug | | 10.0 |
| 1060 | describe ring: add final newline | 13 Nov 2017 15:59 | enhancing/improving | Bug | John Abbott | 0.44 |
| 1092 | Design issues for discussion in July 2017 | 11 Dec 2017 19:21 | Cleaning | Design | | |
| 1109 | Emacs UI can be slow in M\$ Windows | 15 Nov 2017 17:05 | EmacsUI | Slug | John Abbott | 0.66 |
| 1087 | EmacsUI: get error "wrong-type-argument processp nil" when doing M-x cocoa5 when executable does not exist | 13 Nov 2017 15:06 | EmacsUI | Bug | John Abbott | |
| 670 | Error column indicator misaligned with non-printing (unprintable) characters | 13 Nov 2017 15:58 | enhancing/improving | Bug | John Abbott | 1.8 |
| 1091 | ExternalLib-MathSAT: (first) prototype CoCoA-5 interface for MathSAT | 11 Dec 2017 17:58 | CoCoA-5 function: new | Design | Anna Maria Bigatti | 8.01 |
| 1128 | HomomorphismFns.cpkg5 no longer needed? | 16 Jan 2018 15:28 | Cleaning | Design | Anna Maria Bigatti | 0.33 |
| 1140 | ImplicitModular: too many bad primes | 16 Jan 2018 15:45 | bug | Bug | Anna Maria Bigatti | 1.01 |
| 697 | Interpreter: Avoid outputting an empty line after each line of input | 11 Dec 2017 17:08 | Parser/Interpreter | Bug | Anna Maria Bigatti | 1.01 |
| 1080 | intersect: problem with zero generators | 11 Dec 2017 17:41 | Incomplete function | Bug | Anna Maria Bigatti | 1.71 |
| 1032 | IsInRadical: fragile code | 15 Dec 2017 15:37 | enhancing/improving | Bug | John Abbott | 1.11 |
| 1062 | IsRadical bug? | 10 Nov 2017 12:18 | Incomplete function | Bug | Anna Maria Bigatti | |
| 1137 | Latex: ideal | 12 Dec 2017 15:36 | enhancing/improving | Design | Anna Maria Bigatti | 1.01 |
| 265 | Linking problems in CoCoA-5 GUI | 13 Nov 2017 15:49 | GUI | Support | John Abbott | 0.33 |
| 1119 | Mailing list for CoCoAUsers | 16 Jan 2018 15:44 | Release | Feature | Anna Maria Bigatti | 6.0 |
| 988 | Makefile: install target for cocoa5 | 15 Dec 2017 15:46 | Portability | Feature | John Abbott | |
| 1084 | New function: PrevPrime | 13 Nov 2017 15:43 | CoCoA-5 function: new | Feature | John Abbott | 1.51 |
| 1142 | NewZZmod: port to CoCoA-5 | 16 Jan 2018 15:30 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 2.01 |
| 1100 | PrimaryDecomposition0: says not 0-dim but IsZeroDim says ideal is zero-dim! | 11 Dec 2017 17:53 | enhancing/improving | Bug | Anna Maria Bigatti | 1.01 |
| 1133 | Radical bug | 11 Dec 2017 19:19 | Incomplete function | Bug | Anna Maria Bigatti | 2.0 |
| 1139 | Radical problems | 13 Dec 2017 13:23 | enhancing/improving | Bug | Anna Maria Bigatti | 1.51 |
| 1011 | Random seed fn | 15 Nov 2017 17:43 | CoCoA-4 function to be added | Feature | John Abbott | |
| 1061 | Release: CoCoA-5.2.2 | 17 Jan 2018 12:05 | Release | Support | Anna Maria Bigatti | 24.01 |
| 1073 | RelNotes: current version or all previous versions? | 15 Dec 2017 15:57 | Manual/documentation | Feature | Anna Maria Bigatti | 1.51 |
| 939 | Rename Fact to factorial? | 15 Nov 2017 17:40 | Renaming | Design | John Abbott | |
| 1020 | Rename minimalized(l) into IdealOfMinGens(l)? | 20 Nov 2017 15:47 | Renaming | Design | Anna Maria Bigatti | 1.51 |
| 1123 | Should "minimalize" be obsolescent? | 11 Dec 2017 18:01 | CoCoA-4 function: obsolete | Design | Anna Maria Bigatti | 5.01 |
| 981 | SqFreeFactor: small (or big) bug? | 13 Nov 2017 15:57 | Incomplete function | Bug | John Abbott | 0.75 |
| 1127 | subalgebra package obsolete? | 16 Jan 2018 15:59 | Cleaning | Design | Anna Maria Bigatti | 2.01 |
| 1095 | TimeOut not working as hoped/expected | 13 Nov 2017 15:04 | enhancing/improving | Bug | John Abbott | 1.11 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|-------------------------|--|-------------------|-----------------------|---------|--------------------|----------------|
| 798 | use poly ring with many variables is too slow | 13 Dec 2017 14:28 | enhancing/improving | Slug | John Abbott | |
| CoCoA-5.2.4 (17) | | | | | | |
| 1007 | (makefile) New "clean" target which does not clean documentation | 30 Jul 2018 18:02 | Portability | Feature | John Abbott | 7.7 |
| 907 | ApproxSolve very slow on this example | 06 Aug 2018 16:22 | enhancing/improving | Slug | Anna Maria Bigatti | 7.7 |
| 1191 | ApproxSolve: log(0) on some examples | 26 Jul 2018 13:59 | bug | Bug | John Abbott | 0.77 |
| 978 | CommonDenom: for polys and lists? | 30 Jul 2018 14:28 | CoCoA-5 function: new | Feature | John Abbott | 1.01 |
| 1157 | FactorAlgExt | 31 Jul 2018 13:13 | Incomplete function | Bug | Elisa Palezzato | 2.01 |
| 1190 | HilbertBasisKer: SEGV (again) | 30 Jul 2018 14:15 | bug | Bug | Anna Maria Bigatti | 3.51 |
| 1189 | HilbertBasisKer: unhelpful error with some inputs | 30 Jul 2018 14:17 | bug | Bug | Anna Maria Bigatti | 2.51 |
| 1164 | Manual: loading manual entries written by users | 10 Oct 2019 19:26 | Manual/documentation | Design | Anna Maria Bigatti | 20.0 |
| 1172 | MinSubsetOfGens: problem with generators = 0 | 30 Jul 2018 14:23 | bug | Bug | Anna Maria Bigatti | |
| 1122 | New fn: RandomLinearForm | 30 Jul 2018 14:22 | CoCoA-5 function: new | Feature | Anna Maria Bigatti | 0.99 |
| 1202 | New package: arrangements | 06 Aug 2018 16:20 | CoCoA-5 function: new | Feature | Elisa Palezzato | |
| 1201 | New package: poset | 06 Aug 2018 16:20 | CoCoA-5 function: new | Feature | Elisa Palezzato | |
| 1188 | Product of empty list: manual and code disagree | 30 Jul 2018 14:33 | Manual/documentation | Support | John Abbott | 1.1 |
| 1148 | Release CoCoA-5.2.4 | 09 Aug 2018 10:35 | Release | Support | Anna Maria Bigatti | |
| 1152 | Release: problems with sed | 30 Jul 2018 14:46 | Release | Bug | Anna Maria Bigatti | 0.99 |
| 1114 | Some other examples for 0-dim radical | 31 Jul 2018 12:03 | enhancing/improving | Slug | Anna Maria Bigatti | 1.01 |
| 275 | Unhelpful error messages when SmallExponent_t is unsigned char. | 17 Jan 2018 11:44 | enhancing/improving | Bug | John Abbott | 3.8 |
| CoCoA-5.3.2 (3) | | | | | | |
| 1348 | cocoa5 script for releases | 09 Oct 2020 15:48 | enhancing/improving | Design | Anna Maria Bigatti | 4.99 |
| 1448 | EmacsUI: sending line with "7" calls SourceRegion (!?!?) | 30 Apr 2020 14:16 | EmacsUI | Bug | John Abbott | 2.01 |
| 1450 | Release CoCoA-5.3.2 | 09 Oct 2020 14:17 | Release | Support | Anna Maria Bigatti | 0.66 |
| CoCoA-5.4.0 (91) | | | | | | |
| 1615 | apply: remove for RingHom | 04 Oct 2021 11:57 | enhancing/improving | Design | John Abbott | 0.22 |
| 1392 | ApproxSolve: another slow example | 24 Sep 2021 22:21 | enhancing/improving | Slug | Anna Maria Bigatti | 1.55 |
| 1461 | Automatic mapping for multiplication? | 27 Oct 2020 19:08 | enhancing/improving | Feature | Anna Maria Bigatti | 3.66 |
| 1493 | Automatic ring mapping in assignment? | 02 Apr 2021 08:54 | enhancing/improving | Design | John Abbott | |
| 1595 | Bad input causes crash | 21 Jun 2021 15:44 | bug | Bug | John Abbott | 2.5 |
| 1287 | Better err mesg for easy typo in ring definition | 16 Sep 2021 12:38 | enhancing/improving | Support | John Abbott | |
| 687 | Builtin fn makes unnecessary copy of arg | 28 May 2021 15:43 | enhancing/improving | Slug | John Abbott | 0.75 |

| # | Subject | Updated | Category | Tracker | Assignee | Estimated time |
|------|--|-------------------|----------------------|---------|--------------------|----------------|
| 1514 | Cocoa crashes when calling RingElems | 03 Dec 2020 21:31 | enhancing/improving | Bug | John Abbott | 4.33 |
| 1525 | CoCoA Manual: homogenize obsolete/obsolescent entries | 18 Feb 2022 17:01 | Manual/documentation | Design | Anna Maria Bigatti | 2.44 |
| 1451 | CoCoA Manual: make search keys public | 18 Feb 2022 17:13 | Manual/documentation | Support | Anna Maria Bigatti | 2.5 |
| 1479 | CoCoA release for linux: CoCoAInterpreter: with and without libreadline? | 16 Feb 2022 20:07 | Portability | Feature | John Abbott | 6.8 |
| 1356 | CoCoA-5 header files: should use a common prefix for CPP variables which enforce read-once | 12 Nov 2021 10:45 | Portability | Bug | John Abbott | 1.11 |
| 911 | CoCoA-5 prompt for incomplete input | 14 May 2021 17:32 | Parser/Interpreter | Support | John Abbott | 2.22 |
| 1294 | CoCoA-5 tests may fail even if executed correctly | 03 Feb 2022 19:40 | Portability | Bug | John Abbott | 2.75 |
| 1554 | cocoa5-emacs-dir or cocoa5-root-dir? | 04 Mar 2021 17:10 | EmacsUI | Design | John Abbott | 1.23 |
| 250 | CoCoALib BuildInfo vs CoCoA-5 VersionInfo | 14 May 2021 17:48 | Cleaning | Feature | Anna Maria Bigatti | 0.25 |
| 1214 | CoCoAManual: ensure that LaTeX compilation is "clean" | 18 Feb 2022 17:15 | Manual/documentation | Support | John Abbott | 0.55 |
| 1111 | CoCoAManual: searching for ?? mat and for ?? matrix give different results | 15 May 2020 13:56 | Manual/documentation | Support | Anna Maria Bigatti | 1.01 |

...