

## CoCoA-5 - Issues

| #    | Project | Parent task | Priority | Subject   | Assignee           | Updated           | Category                     | % Done |
|------|---------|-------------|----------|---|--------------------|-------------------|------------------------------|--------|
| 1734 | CoCoA-5 |             | Normal   | Fix call to HilbertPoly in test/TutHokkaido5                              | Anna Maria Bigatti | 12 Apr 2023 14:44 | bug                          | 100    |
| 1709 | CoCoA-5 |             | Normal   | Test tut-CoCoLA2  | Anna Maria Bigatti | 19 Apr 2024 17:10 | bug                          | 100    |
| 1640 | CoCoA-5 |             | Normal   | MinSubsetOfGens does not find min subset                                  | Anna Maria Bigatti | 21 Jan 2022 10:10 | bug                          | 100    |
| 1610 | CoCoA-5 |             | High     | IsInRadical: some more little bugs  | Anna Maria Bigatti | 12 Nov 2021 09:48 | bug                          | 100    |
| 1577 | CoCoA-5 |             | Normal   | radical: lex order, ERROR: Ring is not standard graded                    | Anna Maria Bigatti | 19 Mar 2021 12:39 | bug                          | 100    |
| 1509 | CoCoA-5 |             | Normal   | RingElements with empty input   | Anna Maria Bigatti | 08 Jan 2021 11:35 | bug                          | 100    |
| 1420 | CoCoA-5 |             | High     | IdealOfProjectivePoints and MinGens: problem with CoCoA_ASSERT            | Anna Maria Bigatti | 26 Feb 2020 16:59 | bug                          | 100    |
| 1407 | CoCoA-5 |             | Normal   | Tagged values (Hilbert Series)  | Anna Maria Bigatti | 18 Feb 2022 16:22 | bug                          | 100    |
| 1397 | CoCoA-5 |             | Normal   | Crashes if CoCoAHelp.xml is missing                                       | Anna Maria Bigatti | 12 Nov 2021 10:23 | bug                          | 100    |
| 1286 | CoCoA-5 |             | High     | Website: trouble with the world map                                       | Anna Maria Bigatti | 14 Feb 2020 17:10 | bug                          | 100    |
| 1239 | CoCoA-5 |             | High     | CartesianProductList: case of just 1 entry in list                        | Anna Maria Bigatti | 04 Mar 2019 12:30 | bug                          | 100    |
| 1190 | CoCoA-5 |             | High     | HilbertBasisKer: SEGV (again)   | Anna Maria Bigatti | 30 Jul 2018 14:15 | bug                          | 100    |
| 1189 | CoCoA-5 |             | High     | HilbertBasisKer: unhelpful error with some inputs                         | Anna Maria Bigatti | 30 Jul 2018 14:17 | bug                          | 100    |
| 1172 | CoCoA-5 |             | Normal   | MinSubsetOfGens: problem with generators = 0                              | Anna Maria Bigatti | 30 Jul 2018 14:23 | bug                          | 100    |
| 1140 | CoCoA-5 |             | Normal   | ImplicitModular: too many bad primes                                      | Anna Maria Bigatti | 16 Jan 2018 15:45 | bug                          | 100    |
| 1398 | CoCoA-5 |             | High     | Website: hide/delete all the CoCoA-4 stuff?                               | Anna Maria Bigatti | 12 Nov 2021 11:14 | Cleaning                     | 100    |
| 1396 | CoCoA-5 |             | High     | Website: download page for CoCoA-4 burns CPU                              | Anna Maria Bigatti | 04 Mar 2021 17:15 | Cleaning                     | 100    |
| 1344 | CoCoA-5 |             | Normal   | Clean out OBSOLESCE   | Anna Maria Bigatti | 14 Feb 2020 09:08 | Cleaning                     | 100    |
| 1318 | CoCoA-5 |             | Normal   | Clean CoCoA-5/tests directory   | Anna Maria Bigatti | 26 Feb 2020 16:31 | Cleaning                     | 100    |
| 1128 | CoCoA-5 |             | Normal   | HomomorphismFns.cpkg5 no longer needed?                                   | Anna Maria Bigatti | 16 Jan 2018 15:28 | Cleaning                     | 100    |
| 1127 | CoCoA-5 |             | Normal   | subalgebra package obsolete?  | Anna Maria Bigatti | 16 Jan 2018 15:59 | Cleaning                     | 100    |
| 546  | CoCoA-5 |             | Normal   | ideal wants LIST of RINGELEM  | Anna Maria Bigatti | 02 Sep 2014 11:08 | Cleaning                     | 100    |
| 525  | CoCoA-5 |             | Normal   | BuiltInFunctions: evalArgAsT1OrT2, evalArgAsT1OrT2OrT3, ... last argument | Anna Maria Bigatti | 27 Aug 2014 18:09 | Cleaning                     | 100    |
| 518  | CoCoA-5 |             | Normal   | incr/decr functions: to be used in packages                               | Anna Maria Bigatti | 15 Sep 2014 18:27 | Cleaning                     | 100    |
| 493  | CoCoA-5 |             | Normal   | Cleanup Hilbert package hp.cpkg5  | Anna Maria Bigatti | 31 Jul 2014 15:06 | Cleaning                     | 100    |
| 271  | CoCoA-5 |             | Normal   | test lecture-HF4  | Anna Maria Bigatti | 24 Oct 2012 14:51 | Cleaning                     | 100    |
| 250  | CoCoA-5 |             | Low      | CoCoALib BuildInfo vs CoCoA-5 VersionInfo                                 | Anna Maria Bigatti | 14 May 2021 17:48 | Cleaning                     | 100    |
| 732  | CoCoA-5 |             | Normal   | Primary Decomposition in CoCoA-5: port Luis Garcia's package(cocoa-4)     | Anna Maria Bigatti | 30 Jun 2015 15:20 | CoCoA-4 function to be added | 100    |
| 606  | CoCoA-5 |             | Normal   | Evaluate in ring operator (was called :: in CoCoA-4)                      | Anna Maria Bigatti | 16 Feb 2022 20:02 | CoCoA-4 function to be added | 100    |

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|------|---------|-------------|----------|--|--------------------|-------------------|------------------------------|--------|
| 603  | CoCoA-5 |             | Normal   | Resume CheckArgTypes   | Anna Maria Bigatti | 05 Sep 2014 11:28 | CoCoA-4 function to be added | 100    |
| 596  | CoCoA-5 |             | Normal   | function "packages"  | Anna Maria Bigatti | 24 Jul 2014 09:56 | CoCoA-4 function to be added | 100    |
| 590  | CoCoA-5 |             | Normal   | package for subalgebras  | Anna Maria Bigatti | 26 Jun 2015 16:58 | CoCoA-4 function to be added | 100    |
| 588  | CoCoA-5 |             | Normal   | Resume code for "gin" (generic initial ideal)                    | Anna Maria Bigatti | 15 Sep 2014 18:28 | CoCoA-4 function to be added | 100    |
| 529  | CoCoA-5 |             | High     | Naive version of resolution and Betti numbers                    | Anna Maria Bigatti | 09 May 2014 12:56 | CoCoA-4 function to be added | 100    |
| 484  | CoCoA-5 |             | Normal   | Evaluate in other ring (was called :: in CoCoA-4)                | Anna Maria Bigatti | 11 Sep 2014 17:43 | CoCoA-4 function to be added | 100    |
| 365  | CoCoA-5 |             | Normal   | add function to compute minimal generators (like Minimalize)     | Anna Maria Bigatti | 15 May 2015 11:19 | CoCoA-4 function to be added | 100    |
| 359  | CoCoA-5 |             | Normal   | RingOf for list  | Anna Maria Bigatti | 30 Jun 2015 15:10 | CoCoA-4 function to be added | 100    |
| 330  | CoCoA-5 |             | Normal   | Syzygy for modules: homogeneous module                           | Anna Maria Bigatti | 28 Jul 2014 16:35 | CoCoA-4 function to be added | 100    |
| 237  | CoCoA-5 |             | Normal   | port homog/homogenized for ideal to cocoa-5                      | Anna Maria Bigatti | 01 Aug 2013 07:23 | CoCoA-4 function to be added | 100    |
| 212  | CoCoA-5 |             | Normal   | NBM: add to CoCoA-5  | Anna Maria Bigatti | 24 Feb 2014 18:07 | CoCoA-4 function to be added | 100    |
| 200  | CoCoA-5 |             | Normal   | add modules and module operations                                | Anna Maria Bigatti | 15 May 2015 09:02 | CoCoA-4 function to be added | 100    |
| 132  | CoCoA-5 |             | Normal   | BringIn should allow reduction modulo p                          | Anna Maria Bigatti | 04 Sep 2014 12:05 | CoCoA-4 function to be added | 100    |
| 93   | CoCoA-5 |             | Normal   | Hilbert series: global output rings for non-standard gradings    | Anna Maria Bigatti | 23 Jul 2013 18:13 | CoCoA-4 function to be added | 100    |
| 80   | CoCoA-5 |             | Normal   | "<=" for ideals  | Anna Maria Bigatti | 23 Jan 2012 14:31 | CoCoA-4 function to be added | 100    |
| 77   | CoCoA-5 |             | High     | Porting package "primary.cpkg" to cocoa-5                        | Anna Maria Bigatti | 19 Jan 2012 11:38 | CoCoA-4 function to be added | 100    |
| 32   | CoCoA-5 |             | Normal   | Elim(t, l)   | Anna Maria Bigatti | 02 Apr 2014 17:18 | CoCoA-4 function to be added | 100    |
| 19   | CoCoA-5 |             | High     | How to get the version number of CoCoA-5?                        | Anna Maria Bigatti | 14 Nov 2012 11:34 | CoCoA-4 function to be added | 100    |
| 12   | CoCoA-5 |             | Urgent   | Add "syntax" to online manual                                    | Anna Maria Bigatti | 09 Nov 2011 11:32 | CoCoA-4 function to be added | 100    |
| 1123 | CoCoA-5 |             | Normal   | Should "minimalize" be obsolescent?                              | Anna Maria Bigatti | 11 Dec 2017 18:01 | CoCoA-4 function: obsolete   | 100    |
| 336  | CoCoA-5 |             | Normal   | Mat(Module) should give error                                    | Anna Maria Bigatti | 06 Jul 2015 07:43 | CoCoA-4 function: obsolete   | 100    |
| 99   | CoCoA-5 |             | Normal   | Function "insert": obsolescent                                   | Anna Maria Bigatti | 27 Aug 2014 18:17 | CoCoA-4 function: obsolete   | 100    |
| 25   | CoCoA-5 |             | Normal   | Function "Call"  | Anna Maria Bigatti | 05 Sep 2014 11:31 | CoCoA-4 function: obsolete   | 100    |
| 1724 | CoCoA-5 |             | Normal   | New function: AdjacentMinors                                     | Anna Maria Bigatti | 14 Mar 2023 11:53 | CoCoA-5 function: new        | 100    |
| 1546 | CoCoA-5 |             | Normal   | Improve 'describe' or 'print' for a function                     | Anna Maria Bigatti | 04 Mar 2021 17:27 | CoCoA-5 function: new        | 100    |
| 1439 | CoCoA-5 |             | Normal   | New function: LinearForm   | Anna Maria Bigatti | 20 Mar 2020 12:55 | CoCoA-5 function: new        | 100    |
| 1374 | CoCoA-5 |             | Normal   | Add function power to CoCoA-5                                    | Anna Maria Bigatti | 13 Feb 2020 16:30 | CoCoA-5 function: new        | 100    |
| 1243 | CoCoA-5 |             | Normal   | New function: Read a string into a list (of RingElem) -- CoCoA-5 | Anna Maria Bigatti | 28 Feb 2020 17:52 | CoCoA-5 function: new        | 100    |
| 1174 | CoCoA-5 |             | High     | package of a function --> of an identifier!                      | Anna Maria Bigatti | 29 Jan 2021 15:43 | CoCoA-5 function: new        | 100    |
| 1142 | CoCoA-5 |             | Normal   | NewZZmod: port to CoCoA-5  | Anna Maria Bigatti | 16 Jan 2018 15:30 | CoCoA-5 function: new        | 100    |
| 1122 | CoCoA-5 |             | Normal   | New fn: RandomLinearForm   | Anna Maria Bigatti | 30 Jul 2018 14:22 | CoCoA-5 function: new        | 100    |
| 1112 | CoCoA-5 |             | Normal   | New function: IsEmpty  | Anna Maria Bigatti | 22 Dec 2023 19:21 | CoCoA-5 function: new        | 100    |

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| 1091 | CoCoA-5 |             | Normal   | ExternalLib-MathSAT: (first) prototype CoCoA-5 interface for MathSAT                                 | Anna Maria Bigatti | 11 Dec 2017 17:58 | CoCoA-5 function: new | 100    |
| 1044 | CoCoA-5 |             | Normal   | New function: SectionalMatrix, PrintSectionalMatrix  | Anna Maria Bigatti | 10 Apr 2017 17:55 | CoCoA-5 function: new | 100    |
| 1043 | CoCoA-5 |             | Normal   | New function: IsCoprime  | Anna Maria Bigatti | 28 Apr 2017 19:21 | CoCoA-5 function: new | 100    |
| 1017 | CoCoA-5 |             | Normal   | New function: SetGBasisAsGens [--> NO: use IdealOfGBasis]  | Anna Maria Bigatti | 10 Apr 2017 17:43 | CoCoA-5 function: new | 100    |
| 996  | CoCoA-5 |             | High     | New function: IdealOfGBasis  | Anna Maria Bigatti | 29 Apr 2017 08:34 | CoCoA-5 function: new | 100    |
| 965  | CoCoA-5 |             | Normal   | New function: multigraded BettiNumbers   | Anna Maria Bigatti | 10 Apr 2017 17:39 | CoCoA-5 function: new | 100    |
| 959  | CoCoA-5 |             | Normal   | New function: SymmetricPolys   | Anna Maria Bigatti | 01 Mar 2017 14:10 | CoCoA-5 function: new | 100    |
| 954  | CoCoA-5 |             | Normal   | New function: StdBasis (standard basis)  | Anna Maria Bigatti | 01 Mar 2017 14:11 | CoCoA-5 function: new | 100    |
| 903  | CoCoA-5 |             | Normal   | New function CallOnGroebnerFanIdeals: call function on GFan ideals                                   | Anna Maria Bigatti | 26 Apr 2017 19:04 | CoCoA-5 function: new | 100    |
| 844  | CoCoA-5 |             | Normal   | IsMaximal, IsPrimary for IDEAL (in cocoa language)   | Anna Maria Bigatti | 16 Feb 2016 17:43 | CoCoA-5 function: new | 100    |
| 700  | CoCoA-5 |             | Normal   | Which external libs are present?   | Anna Maria Bigatti | 18 Feb 2016 15:52 | CoCoA-5 function: new | 100    |
| 622  | CoCoA-5 |             | Urgent   | New function: RandomSubset   | Anna Maria Bigatti | 30 Jun 2015 14:19 | CoCoA-5 function: new | 100    |
| 502  | CoCoA-5 |             | Normal   | New fn/object type: timer  | Anna Maria Bigatti | 02 May 2014 16:49 | CoCoA-5 function: new | 100    |
| 380  | CoCoA-5 |             | Normal   | Add Frobbly functions to cocoa-5   | Anna Maria Bigatti | 24 Feb 2014 18:15 | CoCoA-5 function: new | 100    |
| 362  | CoCoA-5 |             | Normal   | New function: IsZeroDivisor  | Anna Maria Bigatti | 14 Apr 2014 09:14 | CoCoA-5 function: new | 100    |
| 331  | CoCoA-5 |             | Normal   | Is it possible to have R^3 for NewFreeModule(R,3)?   | Anna Maria Bigatti | 15 Mar 2013 17:01 | CoCoA-5 function: new | 100    |
| 309  | CoCoA-5 |             | Normal   | (Multi)BlockMatrix   | Anna Maria Bigatti | 31 May 2013 14:41 | CoCoA-5 function: new | 100    |
| 173  | CoCoA-5 |             | Normal   | Anonymous symbols: should they be available in CoCoA-5?  | Anna Maria Bigatti | 02 Sep 2014 11:20 | CoCoA-5 function: new | 100    |
| 90   | CoCoA-5 |             | Normal   | Make the new fn CoefficientsWRT available in C5  | Anna Maria Bigatti | 28 Nov 2012 11:31 | CoCoA-5 function: new | 100    |
| 20   | CoCoA-5 |             | High     | How to get the compilation flags of CoCoA-5?   | Anna Maria Bigatti | 28 Jul 2014 17:44 | CoCoA-5 function: new | 100    |
| 1505 | CoCoA-5 |             | High     | EmacsUI: fix "Go to Error C-c C-p"   | Anna Maria Bigatti | 14 Oct 2020 14:06 | EmacsUI               | 100    |
| 1038 | CoCoA-5 |             | Normal   | Emacs: sent interrupt to CoCoA   | Anna Maria Bigatti | 26 Apr 2017 17:20 | EmacsUI               | 100    |
| 699  | CoCoA-5 |             | Normal   | Emacs UI: set back "cocoa5-executable" to "CoCoAInterpreter"?  | Anna Maria Bigatti | 18 May 2015 17:10 | EmacsUI               | 100    |
| 698  | CoCoA-5 |             | Normal   | Emacs UI: problems with packages on windows  | Anna Maria Bigatti | 16 Feb 2016 17:50 | EmacsUI               | 100    |
| 567  | CoCoA-5 |             | Normal   | Emacs UI: coloured syntax in output buffer has problems if error message shows a single double-quote | Anna Maria Bigatti | 02 Jul 2014 16:11 | EmacsUI               | 100    |
| 561  | CoCoA-5 |             | Normal   | Emacs UI: unrecognized keywords (ImportByValue...)   | Anna Maria Bigatti | 02 Sep 2014 11:21 | EmacsUI               | 100    |
| 523  | CoCoA-5 |             | Normal   | EmacsUI: lower case keywords   | Anna Maria Bigatti | 07 May 2014 14:05 | EmacsUI               | 100    |
| 494  | CoCoA-5 |             | Normal   | Emacs UI: installation on Mac OS 10.8.5  | Anna Maria Bigatti | 09 May 2014 13:20 | EmacsUI               | 100    |
| 464  | CoCoA-5 |             | Normal   | Emacs UI: split horizontally instead of vertically?  | Anna Maria Bigatti | 03 Sep 2014 13:40 | EmacsUI               | 100    |
| 460  | CoCoA-5 |             | Normal   | Emacs UI: updating abbrev-table  | Anna Maria Bigatti | 14 May 2014 16:30 | EmacsUI               | 100    |

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|------|---------|-------------|----------|---|--------------------|-------------------|---------------------|--------|
| 423  | CoCoA-5 |             | Normal   | Emacs UI: semicolon does not work in emacs-24.3                             | Anna Maria Bigatti | 02 Apr 2014 18:34 | EmacsUI             | 100    |
| 397  | CoCoA-5 |             | Normal   | EMACS UI: fix windows splitting   | Anna Maria Bigatti | 02 Jul 2014 16:03 | EmacsUI             | 100    |
| 381  | CoCoA-5 |             | Normal   | Emacs User Interface: Easier binding for sending a line to cocoa-5          | Anna Maria Bigatti | 07 May 2014 13:57 | EmacsUI             | 100    |
| 172  | CoCoA-5 |             | Normal   | add customization for --fullCoCoALibError in EmacsUI                        | Anna Maria Bigatti | 01 Jun 2012 17:36 | EmacsUI             | 100    |
| 128  | CoCoA-5 |             | Normal   | wordlist.txt generation   | Anna Maria Bigatti | 07 Jun 2012 18:31 | EmacsUI             | 100    |
| 1698 | CoCoA-5 |             | Normal   | indent: return a string?  | Anna Maria Bigatti | 15 Mar 2023 07:30 | enhancing/improving | 100    |
| 1629 | CoCoA-5 |             | Normal   | RingElem slow with many indets  | Anna Maria Bigatti | 22 Dec 2023 20:06 | enhancing/improving | 100    |
| 1616 | CoCoA-5 |             | Normal   | UnivariateIndetIndex: remove cocoa-5 implementation and use CoCoALib's      | Anna Maria Bigatti | 19 Nov 2021 15:32 | enhancing/improving | 100    |
| 1597 | CoCoA-5 |             | Normal   | GetRow/GetRows are extraordinarily slow                                     | Anna Maria Bigatti | 14 Sep 2021 11:47 | enhancing/improving | 100    |
| 1530 | CoCoA-5 |             | Normal   | VersionInfo -- better field names?  | Anna Maria Bigatti | 08 Jan 2021 11:24 | enhancing/improving | 100    |
| 1461 | CoCoA-5 |             | Normal   | Automatic mapping for multiplication?                                       | Anna Maria Bigatti | 27 Oct 2020 19:08 | enhancing/improving | 100    |
| 1410 | CoCoA-5 |             | High     | IsDivisible also for INT  | Anna Maria Bigatti | 13 Feb 2020 15:40 | enhancing/improving | 100    |
| 1392 | CoCoA-5 |             | Normal   | ApproxSolve: another slow example   | Anna Maria Bigatti | 24 Sep 2021 22:21 | enhancing/improving | 100    |
| 1384 | CoCoA-5 |             | Normal   | NewPolyRing and SymbolRange   | Anna Maria Bigatti | 13 Feb 2020 09:29 | enhancing/improving | 100    |
| 1348 | CoCoA-5 |             | Normal   | cocoa5 script for releases  | Anna Maria Bigatti | 09 Oct 2020 15:48 | enhancing/improving | 100    |
| 1327 | CoCoA-5 |             | Normal   | Inconvenient PolyRingHom, PolyAlgebraHom                                    | Anna Maria Bigatti | 13 Feb 2020 09:35 | enhancing/improving | 100    |
| 1139 | CoCoA-5 |             | Urgent   | Radical problems  | Anna Maria Bigatti | 13 Dec 2017 13:23 | enhancing/improving | 100    |
| 1137 | CoCoA-5 |             | Normal   | Latex: ideal  | Anna Maria Bigatti | 12 Dec 2017 15:36 | enhancing/improving | 100    |
| 1114 | CoCoA-5 |             | Low      | Some other examples for 0-dim radical                                       | Anna Maria Bigatti | 31 Jul 2018 12:03 | enhancing/improving | 100    |
| 1100 | CoCoA-5 |             | High     | PrimaryDecomposition0: says not 0-dim but IsZeroDim says ideal is zero-dim! | Anna Maria Bigatti | 11 Dec 2017 17:53 | enhancing/improving | 100    |
| 1075 | CoCoA-5 |             | Low      | LaTeX package: power-product printing                                       | Anna Maria Bigatti | 22 Dec 2023 19:30 | enhancing/improving | 100    |
| 1072 | CoCoA-5 |             | Normal   | syz: apply to ModuleElem?   | Anna Maria Bigatti | 26 Mar 2024 17:12 | enhancing/improving | 100    |
| 1051 | CoCoA-5 |             | Normal   | ReadExpr(P, string) and RingElem(P, string)                                 | Anna Maria Bigatti | 28 Apr 2017 19:06 | enhancing/improving | 100    |
| 1047 | CoCoA-5 |             | High     | NewPolyRing with user defined ordering is slower than CoCoALib              | Anna Maria Bigatti | 01 May 2017 10:43 | enhancing/improving | 100    |
| 994  | CoCoA-5 |             | Urgent   | SEGV: Toric example from Kazuki Maeda                                       | Anna Maria Bigatti | 07 Apr 2017 09:48 | enhancing/improving | 100    |
| 973  | CoCoA-5 |             | High     | GroebnerFanIdeals: verbosity and output style                               | Anna Maria Bigatti | 28 Apr 2017 15:14 | enhancing/improving | 100    |
| 948  | CoCoA-5 |             | Normal   | radical is slow (compared to singular) on these examples                    | Anna Maria Bigatti | 22 Dec 2023 20:12 | enhancing/improving | 100    |
| 907  | CoCoA-5 |             | Normal   | ApproxSolve very slow on this example                                       | Anna Maria Bigatti | 06 Aug 2018 16:22 | enhancing/improving | 100    |
| 883  | CoCoA-5 |             | Normal   | gin: return/print a suitable change of variables                            | Anna Maria Bigatti | 26 Apr 2017 17:25 | enhancing/improving | 100    |
| 878  | CoCoA-5 |             | Normal   | RingElem applied to a symbol (repr as a string)                             | Anna Maria Bigatti | 27 Apr 2017 14:34 | enhancing/improving | 100    |

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|------|---------|-------------|----------|--|--------------------|-------------------|---------------------|--------|
| 870  | CoCoA-5 |             | Urgent   | GBasis of product of ideals is wrong (Vadim Tropashko) --> l.myReset()     | Anna Maria Bigatti | 26 Apr 2017 15:56 | enhancing/improving | 100    |
| 823  | CoCoA-5 |             | Normal   | NewPolyRing with weights -- better interface?                              | Anna Maria Bigatti | 18 Mar 2024 21:39 | enhancing/improving | 100    |
| 751  | CoCoA-5 |             | Normal   | description of a RING  | Anna Maria Bigatti | 05 May 2017 16:07 | enhancing/improving | 100    |
| 650  | CoCoA-5 |             | High     | CoCoA-5 test (SourceAnna); problem in HilbertPoly                          | Anna Maria Bigatti | 23 Mar 2016 10:18 | enhancing/improving | 100    |
| 1226 | CoCoA-5 |             | Normal   | ExternalLibs return empty list   | Anna Maria Bigatti | 02 Oct 2019 16:22 | External Libs       | 100    |
| 711  | CoCoA-5 |             | Normal   | External Libs: print credits?  | Anna Maria Bigatti | 28 Apr 2017 14:49 | External Libs       | 100    |
| 519  | CoCoA-5 |             | Normal   | GUI: fix DEFINES in makefile   | Anna Maria Bigatti | 14 Feb 2020 09:22 | GUI                 | 100    |
| 207  | CoCoA-5 |             | Normal   | BuiltIn Normaliz functions not available in C5 gui                         | Anna Maria Bigatti | 01 Aug 2012 15:09 | GUI                 | 100    |
| 1230 | CoCoA-5 |             | Normal   | PrimaryDecomposition with lex ordering                                     | Anna Maria Bigatti | 13 Feb 2020 10:09 | Incomplete function | 100    |
| 1133 | CoCoA-5 |             | Normal   | Radical bug  | Anna Maria Bigatti | 11 Dec 2017 19:19 | Incomplete function | 100    |
| 1080 | CoCoA-5 |             | High     | intersect: problem with zero generators                                    | Anna Maria Bigatti | 11 Dec 2017 17:41 | Incomplete function | 100    |
| 1062 | CoCoA-5 |             | Normal   | IsRadical bug?   | Anna Maria Bigatti | 10 Nov 2017 12:18 | Incomplete function | 100    |
| 918  | CoCoA-5 |             | Normal   | UniversalGBasis: sometimes gives error                                     | Anna Maria Bigatti | 12 Oct 2016 15:01 | Incomplete function | 100    |
| 880  | CoCoA-5 |             | Normal   | subst should check that indet is in same ring as 1st arg, but does not.    | Anna Maria Bigatti | 01 Mar 2017 13:34 | Incomplete function | 100    |
| 643  | CoCoA-5 |             | Normal   | GenRepr fails if there are zero generators                                 | Anna Maria Bigatti | 26 Jun 2015 12:13 | Incomplete function | 100    |
| 594  | CoCoA-5 |             | Normal   | CharPoly(MAT) and MinPoly(MAT) work in different settings: unify behaviour | Anna Maria Bigatti | 02 Sep 2014 11:03 | Incomplete function | 100    |
| 548  | CoCoA-5 |             | Normal   | Printing rings with ID   | Anna Maria Bigatti | 29 Jul 2015 12:43 | Incomplete function | 100    |
| 514  | CoCoA-5 |             | Normal   | submodule: minimize, minimized   | Anna Maria Bigatti | 09 May 2014 13:28 | Incomplete function | 100    |
| 509  | CoCoA-5 |             | High     | SyzOfGens (CoCoA-5) does not have correct shifts                           | Anna Maria Bigatti | 10 Apr 2014 18:02 | Incomplete function | 100    |
| 446  | CoCoA-5 |             | Urgent   | intersection fails with zero ideal   | Anna Maria Bigatti | 02 Apr 2014 18:35 | Incomplete function | 100    |
| 418  | CoCoA-5 |             | Urgent   | What does interreduce do?  | Anna Maria Bigatti | 02 Apr 2014 18:30 | Incomplete function | 100    |
| 405  | CoCoA-5 |             | Normal   | ReducedGBasis not memorized in an ideal                                    | Anna Maria Bigatti | 28 Apr 2017 09:14 | Incomplete function | 100    |
| 384  | CoCoA-5 |             | Normal   | IsZero for matrix  | Anna Maria Bigatti | 07 May 2014 14:01 | Incomplete function | 100    |
| 367  | CoCoA-5 |             | Normal   | implement LF/DF for an ideal   | Anna Maria Bigatti | 09 May 2014 12:51 | Incomplete function | 100    |
| 318  | CoCoA-5 |             | Normal   | implement "indent" for modules   | Anna Maria Bigatti | 01 Aug 2013 07:29 | Incomplete function | 100    |
| 279  | CoCoA-5 |             | Normal   | Bug in Radical (actually a RingHom problem)                                | Anna Maria Bigatti | 03 Sep 2014 18:47 | Incomplete function | 100    |
| 226  | CoCoA-5 |             | Normal   | HilbertBasis segv  | Anna Maria Bigatti | 02 Apr 2014 18:30 | Incomplete function | 100    |
| 192  | CoCoA-5 |             | Normal   | indent prints strings without quotes                                       | Anna Maria Bigatti | 14 Nov 2012 11:30 | Incomplete function | 100    |
| 166  | CoCoA-5 |             | Normal   | Dim/Multiplicity with Lex ordering -- NYI                                  | Anna Maria Bigatti | 21 May 2013 18:07 | Incomplete function | 100    |
| 162  | CoCoA-5 |             | Normal   | RegularityIndex <= 0   | Anna Maria Bigatti | 08 Jun 2012 17:20 | Incomplete function | 100    |

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| 159  | CoCoA-5 |             | Normal   | Multiplicity sometimes wrong  | Anna Maria Bigatti | 08 Jun 2012 17:29 | Incomplete function  | 100    |
| 1660 | CoCoA-5 |             | Normal   | Updating file obsolescent.cpkg5: make it easier                                   | Anna Maria Bigatti | 14 Feb 2022 18:16 | Manual/documentation | 100    |
| 1566 | CoCoA-5 |             | Normal   | What does rad do?   | Anna Maria Bigatti | 08 May 2024 16:49 | Manual/documentation | 100    |
| 1539 | CoCoA-5 |             | High     | Website: installation instructions for Microsoft                                  | Anna Maria Bigatti | 14 Mar 2023 11:56 | Manual/documentation | 100    |
| 1525 | CoCoA-5 |             | Normal   | CoCoA Manual: homogenize obsolete/obsolescent entries                             | Anna Maria Bigatti | 18 Feb 2022 17:01 | Manual/documentation | 100    |
| 1478 | CoCoA-5 |             | Normal   | HilbertBasis: clarify   | Anna Maria Bigatti | 23 Feb 2022 12:28 | Manual/documentation | 100    |
| 1451 | CoCoA-5 |             | High     | CoCoA Manual: make search keys public   | Anna Maria Bigatti | 18 Feb 2022 17:13 | Manual/documentation | 100    |
| 1408 | CoCoA-5 |             | Normal   | CoCoAManual - tex: error if syntax is missing                                     | Anna Maria Bigatti | 13 Feb 2020 18:59 | Manual/documentation | 100    |
| 1333 | CoCoA-5 |             | Normal   | Typevectors   | Anna Maria Bigatti | 30 Apr 2020 15:02 | Manual/documentation | 100    |
| 1312 | CoCoA-5 |             | Normal   | Wrong links on page about COCOA School in Sapporo                                 | Anna Maria Bigatti | 14 Feb 2020 10:51 | Manual/documentation | 100    |
| 1268 | CoCoA-5 |             | High     | Documentation for how to write a CoCoA package                                    | Anna Maria Bigatti | 02 Mar 2022 16:14 | Manual/documentation | 100    |
| 1258 | CoCoA-5 |             | Low      | Manual page for CantStop  | Anna Maria Bigatti | 09 Mar 2020 13:18 | Manual/documentation | 100    |
| 1164 | CoCoA-5 |             | Normal   | Manual: loading manual entries written by users                                   | Anna Maria Bigatti | 10 Oct 2019 19:26 | Manual/documentation | 100    |
| 1111 | CoCoA-5 |             | Normal   | CoCoAManual: searching for ?? mat and for ?? matrix give different results        | Anna Maria Bigatti | 15 May 2020 13:56 | Manual/documentation | 100    |
| 1074 | CoCoA-5 |             | High     | CoCoAManual: entry for radical  | Anna Maria Bigatti | 15 Dec 2017 15:41 | Manual/documentation | 100    |
| 1073 | CoCoA-5 |             | Normal   | RelNotes: current version or all previous versions?                               | Anna Maria Bigatti | 15 Dec 2017 15:57 | Manual/documentation | 100    |
| 1055 | CoCoA-5 |             | Normal   | CoCoAManual: duplication (2 pages for operators)                                  | Anna Maria Bigatti | 11 Dec 2017 17:10 | Manual/documentation | 100    |
| 1046 | CoCoA-5 |             | Low      | CoCoA-5 no longer lists the external libs present                                 | Anna Maria Bigatti | 27 Apr 2017 15:38 | Manual/documentation | 100    |
| 1040 | CoCoA-5 |             | High     | CoCoAManual: entry for SetVerbosityLevel/VerbosityLevel                           | Anna Maria Bigatti | 27 Apr 2017 15:20 | Manual/documentation | 100    |
| 1027 | CoCoA-5 |             | Normal   | CoCoAManual: add a page with some emacs hints?                                    | Anna Maria Bigatti | 09 Mar 2020 15:36 | Manual/documentation | 100    |
| 1024 | CoCoA-5 |             | Low      | CoCoA Manual: consistent spacing in VarName: TYPE                                 | Anna Maria Bigatti | 10 Oct 2019 18:24 | Manual/documentation | 100    |
| 1023 | CoCoA-5 |             | Normal   | CoCoAManual for verbosity: how to find which levels? how to find which functions? | Anna Maria Bigatti | 12 Dec 2017 11:01 | Manual/documentation | 100    |
| 1000 | CoCoA-5 |             | High     | CoCoAManual for "all cocoa commands"  | Anna Maria Bigatti | 15 Dec 2017 16:20 | Manual/documentation | 100    |
| 963  | CoCoA-5 |             | High     | Manual: XML problem with html doc   | Anna Maria Bigatti | 26 Apr 2017 16:00 | Manual/documentation | 100    |
| 863  | CoCoA-5 |             | High     | CoCoA-5 manual: IsInteger and IsRational are missing?                             | Anna Maria Bigatti | 27 Apr 2017 15:03 | Manual/documentation | 100    |
| 717  | CoCoA-5 |             | Normal   | CoCoAManual: improve part on RINGHOM  | Anna Maria Bigatti | 29 Jul 2015 16:25 | Manual/documentation | 100    |
| 609  | CoCoA-5 |             | Normal   | Package "empty.cpkg5"   | Anna Maria Bigatti | 03 Sep 2014 13:39 | Manual/documentation | 100    |
| 558  | CoCoA-5 |             | High     | CoCoAManual: semi-automatic check of all input                                    | Anna Maria Bigatti | 01 Aug 2014 10:57 | Manual/documentation | 100    |
| 556  | CoCoA-5 |             | Normal   | CoCoAManual: improve part on tagging  | Anna Maria Bigatti | 04 Sep 2014 18:31 | Manual/documentation | 100    |
| 555  | CoCoA-5 |             | Normal   | CoCoAManual: improve part on language   | Anna Maria Bigatti | 02 Jul 2014 16:40 | Manual/documentation | 100    |

| #    | Project | Parent task | Priority | Subject  | Assignee           | Updated           | Category             | % Done |
|------|---------|-------------|----------|--|--------------------|-------------------|----------------------|--------|
| 543  | CoCoA-5 |             | Normal   | Interpreter: problem when calling the manual with trailing spaces and comments | Anna Maria Bigatti | 27 Aug 2014 18:19 | Manual/documentation | 100    |
| 542  | CoCoA-5 |             | Normal   | CoCoAManual: improve part on data-types  | Anna Maria Bigatti | 02 Jul 2014 16:40 | Manual/documentation | 100    |
| 522  | CoCoA-5 |             | Normal   | Manual: duplication in "see also" and "All other matches"                      | Anna Maria Bigatti | 29 Jul 2015 16:21 | Manual/documentation | 100    |
| 488  | CoCoA-5 |             | Normal   | CoCoAManual: Help page for porting old C4 code to C5                           | Anna Maria Bigatti | 04 Sep 2014 12:29 | Manual/documentation | 100    |
| 466  | CoCoA-5 |             | Normal   | CoCoAManual: add entry summarising syntax of all CoCoA-5 commands              | Anna Maria Bigatti | 29 Jul 2015 12:12 | Manual/documentation | 100    |
| 456  | CoCoA-5 |             | Normal   | CoCoAManual: New structure for manual?   | Anna Maria Bigatti | 05 Sep 2014 11:38 | Manual/documentation | 100    |
| 439  | CoCoA-5 |             | Normal   | CoCoA website: download pages and installing instructions                      | Anna Maria Bigatti | 11 Dec 2017 18:14 | Manual/documentation | 100    |
| 406  | CoCoA-5 |             | Normal   | Manual for CoCoAManual/CoCoAHelp.xml   | Anna Maria Bigatti | 13 Jun 2022 15:33 | Manual/documentation | 100    |
| 370  | CoCoA-5 |             | Normal   | OnlineHelp: Problem with "><" in syntax of CartesianProduct                    | Anna Maria Bigatti | 21 Mar 2014 11:30 | Manual/documentation | 100    |
| 369  | CoCoA-5 |             | Normal   | write documentation for TgCone and other function from the "primary" package   | Anna Maria Bigatti | 07 May 2014 14:07 | Manual/documentation | 100    |
| 341  | CoCoA-5 |             | Normal   | Remove/replace the word "vector" in the manual                                 | Anna Maria Bigatti | 11 Apr 2014 15:06 | Manual/documentation | 100    |
| 334  | CoCoA-5 |             | Normal   | CoCoAManual: entry for "and", "or", "not" operators                            | Anna Maria Bigatti | 02 Jul 2014 16:47 | Manual/documentation | 100    |
| 333  | CoCoA-5 |             | Normal   | manual entry for "indent"  | Anna Maria Bigatti | 21 May 2013 17:24 | Manual/documentation | 100    |
| 325  | CoCoA-5 |             | Normal   | CoCoAManual: display syntax first  | Anna Maria Bigatti | 31 Jul 2014 17:36 | Manual/documentation | 100    |
| 293  | CoCoA-5 |             | Normal   | Add CpuTime to C5 manual   | Anna Maria Bigatti | 11 Feb 2013 12:03 | Manual/documentation | 100    |
| 286  | CoCoA-5 |             | Normal   | How to test (automatically) a user defined CoCoA function                      | Anna Maria Bigatti | 04 Sep 2014 13:46 | Manual/documentation | 100    |
| 251  | CoCoA-5 |             | Normal   | How to add a test for CoCoA-5 (CoCoAInterpreter)                               | Anna Maria Bigatti | 29 Jul 2015 12:12 | Manual/documentation | 100    |
| 225  | CoCoA-5 |             | Normal   | HilbertBasis: cocoa vs normaliz  | Anna Maria Bigatti | 20 May 2014 17:54 | Manual/documentation | 100    |
| 188  | CoCoA-5 |             | Normal   | CoCoAManual: entries for operators   | Anna Maria Bigatti | 02 Jul 2014 16:46 | Manual/documentation | 100    |
| 179  | CoCoA-5 |             | Normal   | TeX documentation for CoCoA-5  | Anna Maria Bigatti | 14 May 2014 16:56 | Manual/documentation | 100    |
| 176  | CoCoA-5 |             | Normal   | CoCoAManual: Doc for new commands  | Anna Maria Bigatti | 02 Jul 2014 16:48 | Manual/documentation | 100    |
| 170  | CoCoA-5 |             | Normal   | CoCoAManual HTML: page for "Try"   | Anna Maria Bigatti | 06 Mar 2017 16:44 | Manual/documentation | 100    |
| 169  | CoCoA-5 |             | Low      | Font for parameters in manual  | Anna Maria Bigatti | 31 May 2022 10:35 | Manual/documentation | 100    |
| 168  | CoCoA-5 |             | Normal   | Type info in CoCoA-5 manual  | Anna Maria Bigatti | 10 Oct 2019 17:37 | Manual/documentation | 100    |
| 79   | CoCoA-5 |             | Normal   | Sort entries in CoCoAHelp.xml and write code on OnlineHelp.C to check sorting  | Anna Maria Bigatti | 23 Jan 2012 14:11 | Manual/documentation | 100    |
| 34   | CoCoA-5 |             | Normal   | CoCoAManual: obsolete entries in the manual                                    | Anna Maria Bigatti | 02 Sep 2014 11:30 | Manual/documentation | 100    |
| 27   | CoCoA-5 |             | High     | CoCoA-5 Manual   | Anna Maria Bigatti | 01 Jun 2012 17:59 | Manual/documentation | 100    |
| 1613 | CoCoA-5 |             | High     | CRASH with RingHom from FrF  | Anna Maria Bigatti | 10 Nov 2021 18:07 | Parser/Interpreter   | 100    |
| 1594 | CoCoA-5 |             | High     | Parser bug: missing close square bracket                                       | Anna Maria Bigatti | 14 Sep 2021 11:46 | Parser/Interpreter   | 100    |
| 1543 | CoCoA-5 |             | High     | Default path for packages  | Anna Maria Bigatti | 08 Jan 2021 11:28 | Parser/Interpreter   | 100    |

| #    | Project | Parent task | Priority | Subject  | Assignee           | Updated           | Category           | % Done |
|------|---------|-------------|----------|--|--------------------|-------------------|--------------------|--------|
| 1045 | CoCoA-5 |             | Normal   | Error message from cocoa-lib to cocoa-5  | Anna Maria Bigatti | 28 Apr 2017 19:21 | Parser/Interpreter | 100    |
| 782  | CoCoA-5 |             | Normal   | BuiltinFunctions -- getting too long again!  | Anna Maria Bigatti | 16 Feb 2016 17:58 | Parser/Interpreter | 100    |
| 706  | CoCoA-5 |             | Normal   | meaningful error for IDEAL <= IDEAL  | Anna Maria Bigatti | 28 Jul 2015 14:32 | Parser/Interpreter | 100    |
| 697  | CoCoA-5 |             | Normal   | Interpreter: Avoid outputting an empty line after each line of input                   | Anna Maria Bigatti | 11 Dec 2017 17:08 | Parser/Interpreter | 100    |
| 668  | CoCoA-5 |             | Normal   | Remove keyword "weights"?  | Anna Maria Bigatti | 27 Jul 2015 15:16 | Parser/Interpreter | 100    |
| 595  | CoCoA-5 |             | High     | rename BigIntValue, IdealValue --> INTValue, IDEALValue? or even INT, IDEAL?           | Anna Maria Bigatti | 04 Sep 2014 13:33 | Parser/Interpreter | 100    |
| 531  | CoCoA-5 |             | Normal   | Package protected variables should know which package protected them                   | Anna Maria Bigatti | 14 May 2021 17:37 | Parser/Interpreter | 100    |
| 524  | CoCoA-5 |             | High     | BuiltinFunctions: remove calls to WrongTypeException                                   | Anna Maria Bigatti | 28 Jul 2014 11:48 | Parser/Interpreter | 100    |
| 393  | CoCoA-5 |             | Normal   | add Value::from(HPSeries)  | Anna Maria Bigatti | 01 Aug 2013 07:35 | Parser/Interpreter | 100    |
| 392  | CoCoA-5 |             | Normal   | add Value::from(factorization<..>)   | Anna Maria Bigatti | 01 Aug 2013 07:32 | Parser/Interpreter | 100    |
| 378  | CoCoA-5 |             | Normal   | Ungraceful behaviour: Source inside For loop   | Anna Maria Bigatti | 27 Aug 2014 18:06 | Parser/Interpreter | 100    |
| 352  | CoCoA-5 |             | Low      | Should SourceRegion echo the "region"?   | Anna Maria Bigatti | 30 Jul 2015 14:19 | Parser/Interpreter | 100    |
| 346  | CoCoA-5 |             | Normal   | Describe should indicate package name  | Anna Maria Bigatti | 19 Mar 2021 12:48 | Parser/Interpreter | 100    |
| 317  | CoCoA-5 |             | Normal   | BuiltinFunctions: evalArgAsLong  | Anna Maria Bigatti | 29 Jul 2015 16:15 | Parser/Interpreter | 100    |
| 307  | CoCoA-5 |             | Normal   | Value::from makes BigIntValue::fromInt obsolete?                                       | Anna Maria Bigatti | 05 Sep 2014 11:43 | Parser/Interpreter | 100    |
| 306  | CoCoA-5 |             | High     | Function for accessing the pointed value   | Anna Maria Bigatti | 21 Mar 2014 11:31 | Parser/Interpreter | 100    |
| 294  | CoCoA-5 |             | Normal   | BuiltinFunctions: General "OneLiner" for arguments of different type                   | Anna Maria Bigatti | 05 Sep 2014 11:51 | Parser/Interpreter | 100    |
| 208  | CoCoA-5 |             | Normal   | describe \$package   | Anna Maria Bigatti | 06 May 2014 18:14 | Parser/Interpreter | 100    |
| 201  | CoCoA-5 |             | High     | segmentation fault with function defined in package ("PrintHGIndices"): First and Last | Anna Maria Bigatti | 04 Jul 2012 09:45 | Parser/Interpreter | 100    |
| 193  | CoCoA-5 |             | High     | BuiltinFunctions.C getting too long (2000 lines)                                       | Anna Maria Bigatti | 01 Aug 2013 08:10 | Parser/Interpreter | 100    |
| 185  | CoCoA-5 |             | Normal   | Banner for CoCoA-5   | Anna Maria Bigatti | 04 Jul 2012 10:03 | Parser/Interpreter | 100    |
| 137  | CoCoA-5 |             | Normal   | JAA does not like the name IndetInd  | Anna Maria Bigatti | 08 Jun 2012 17:30 | Parser/Interpreter | 100    |
| 115  | CoCoA-5 |             | Normal   | PP ordering bug  | Anna Maria Bigatti | 28 Mar 2012 14:29 | Parser/Interpreter | 100    |
| 109  | CoCoA-5 |             | Normal   | SmoothFactor should allow large first arg  | Anna Maria Bigatti | 19 Mar 2012 18:01 | Parser/Interpreter | 100    |
| 108  | CoCoA-5 |             | Normal   | Unhandled division by zero in FFp  | Anna Maria Bigatti | 20 Mar 2012 16:21 | Parser/Interpreter | 100    |
| 33   | CoCoA-5 |             | Normal   | Modify the packages so that -w3 produces no warnings during start-up                   | Anna Maria Bigatti | 23 Jan 2012 14:13 | Parser/Interpreter | 100    |
| 922  | CoCoA-5 |             | Normal   | Release for MacOS: compilation on 10.11 incompatible with 10.6.8                       | Anna Maria Bigatti | 09 Feb 2022 19:41 | Portability        | 100    |
| 447  | CoCoA-5 |             | Urgent   | CoCoA-5.0.3 Microsoft std::bad_alloc   | Anna Maria Bigatti | 22 May 2014 17:20 | Portability        | 100    |



| #    | Project | Parent task | Priority | Subject   | Assignee           | Updated           | Category    | % Done |
|------|---------|-------------|----------|---|--------------------|-------------------|-------------|--------|
| 338  | CoCoA-5 |             | High     | MacOS version with static gcc libraries                                     | Anna Maria Bigatti | 04 Sep 2014 12:39 | Portability | 100    |
| 249  | CoCoA-5 |             | Normal   | BuiltIn Normaliz functions not available in CoCoA5Interpreter               | Anna Maria Bigatti | 21 May 2013 18:09 | Portability | 100    |
| 245  | CoCoA-5 |             | Normal   | Meaningful error for functions defined in "missing" external library        | Anna Maria Bigatti | 11 Sep 2014 17:40 | Portability | 100    |
| 1450 | CoCoA-5 |             | Normal   | Release CoCoA-5.3.2   | Anna Maria Bigatti | 09 Oct 2020 14:17 | Release     | 100    |
| 1367 | CoCoA-5 |             | High     | CoCoA-5.3.0: release linked with more recent version of normaliz            | Anna Maria Bigatti | 30 Apr 2020 15:43 | Release     | 100    |
| 1222 | CoCoA-5 |             | Normal   | Release CoCoA-5.3.0   | Anna Maria Bigatti | 30 Apr 2020 15:12 | Release     | 100    |
| 1152 | CoCoA-5 |             | Normal   | Release: problems with sed  | Anna Maria Bigatti | 30 Jul 2018 14:46 | Release     | 100    |
| 1148 | CoCoA-5 |             | Normal   | Release CoCoA-5.2.4   | Anna Maria Bigatti | 09 Aug 2018 10:35 | Release     | 100    |
| 1120 | CoCoA-5 |             | Normal   | Web site  | Anna Maria Bigatti | 28 Feb 2020 17:08 | Release     | 100    |
| 1119 | CoCoA-5 |             | High     | Mailing list for CoCoAUsers   | Anna Maria Bigatti | 16 Jan 2018 15:44 | Release     | 100    |
| 1061 | CoCoA-5 |             | High     | Release: CoCoA-5.2.2  | Anna Maria Bigatti | 17 Jan 2018 12:05 | Release     | 100    |
| 852  | CoCoA-5 |             | Normal   | fix OnlineManual.C so that version number may be removed from CoCoAHelp.xml | Anna Maria Bigatti | 01 Mar 2017 13:31 | Release     | 100    |
| 851  | CoCoA-5 |             | High     | Release: CoCoA-5.2.0  | Anna Maria Bigatti | 08 May 2017 11:57 | Release     | 100    |
| 843  | CoCoA-5 |             | Urgent   | Release: CoCoA-5.1.3 and CoCoA-5.1.4  | Anna Maria Bigatti | 04 Dec 2017 11:46 | Release     | 100    |
| 766  | CoCoA-5 |             | Normal   | CoCoA version number: copy CoCoALib   | Anna Maria Bigatti | 02 May 2017 14:42 | Release     | 100    |
| 616  | CoCoA-5 |             | Normal   | Release: CoCoA-5.1.2  | Anna Maria Bigatti | 16 Feb 2016 17:31 | Release     | 100    |
| 605  | CoCoA-5 |             | Normal   | Release: CoCoA-5.1.1  | Anna Maria Bigatti | 15 Sep 2014 18:06 | Release     | 100    |
| 559  | CoCoA-5 |             | Normal   | Release: CoCoA-5.1.0  | Anna Maria Bigatti | 14 Jul 2014 18:17 | Release     | 100    |
| 503  | CoCoA-5 |             | High     | CoCoA website: CoCoA-5.0.9 pages  | Anna Maria Bigatti | 11 Apr 2014 14:55 | Release     | 100    |
| 398  | CoCoA-5 |             | High     | Resurrect Relnotes()  | Anna Maria Bigatti | 02 Jul 2014 11:43 | Release     | 100    |
| 348  | CoCoA-5 |             | Normal   | CoCoA website: CoCoA-5.0.3 pages  | Anna Maria Bigatti | 01 Apr 2014 18:29 | Release     | 100    |
| 314  | CoCoA-5 |             | Normal   | odd and even numbers for snapshots/official versions?                       | Anna Maria Bigatti | 23 Mar 2016 10:43 | Release     | 100    |
| 270  | CoCoA-5 |             | Normal   | Distribution for linux  | Anna Maria Bigatti | 11 Sep 2014 17:42 | Release     | 100    |
| 187  | CoCoA-5 |             | Normal   | CoCoA-5 (partial) releases: make the process simpler                        | Anna Maria Bigatti | 16 Jan 2018 15:35 | Release     | 100    |
| 1194 | CoCoA-5 |             | Normal   | Rename HilbertBasisKer into LinKerHilbertBasis?                             | Anna Maria Bigatti | 23 Feb 2022 12:37 | Renaming    | 100    |
| 1020 | CoCoA-5 |             | Normal   | Rename minimalized(l) into IdealOfMinGens(l)?                               | Anna Maria Bigatti | 20 Nov 2017 15:47 | Renaming    | 90     |
| 868  | CoCoA-5 |             | Normal   | Der, Bin: why the capital letter?   | Anna Maria Bigatti | 28 Apr 2017 09:24 | Renaming    | 100    |
| 704  | CoCoA-5 |             | Normal   | rename MinGensGeneral?  | Anna Maria Bigatti | 29 Jul 2015 16:15 | Renaming    | 100    |
| 449  | CoCoA-5 |             | Low      | Emacs UI: names of emacs fns  | Anna Maria Bigatti | 02 Apr 2014 18:36 | Renaming    | 100    |
| 395  | CoCoA-5 |             | Normal   | Naming conventions: upper or lower case?                                    | Anna Maria Bigatti | 14 Apr 2014 09:00 | Renaming    | 100    |