# CoCoA-5

| | 2023-10 | | | | 2023-11 | | | | 2023-12 | | | | 2024-1 | | | | 2024-2 | | | | 2024-3 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |

**CoCoA**

  **CoCoA-5**

    **CoCoA-5 - CoCoA-5.2.0 spring 2017**

      **CoCoAManual HTML: page for "Try"**

      **Normaliz tests for CoCoA5**

      **ReducedGBasis not memorized in  (...)**

      **Use of dollar-dot ($.) in packages**

      **Manual: automatically check all  (...)**

      **Release: CoCoA-5.2.0**

      **ExternalLib Normaliz: verbose flag?**

      **External Libs: print credits?**

      **Primary Decomposition in CoCoA-5:  (...)**

      **Primary Decomposition in CoCoA-5.1.6:  (...)**

      **Handle interrupts more helpfully**

      **Emacs UI: return inside a block  (...)**

      **readline: fix script for finding  (...)**

      **fix OnlineManual.C so that version  (...)**

      **CoCoA-5 manual: IsInteger and IsRational  (...)**

      **Der, Bin: why the capital letter?**

      **GBasis of product of ideals is  (...)**

      **Easier syntax to make a PRINCIPAL  (...)**

      **RingElem applied to a symbol (repr  (...)**

      **subst should check that indet is  (...)**

      **gin: return/print a suitable change  (...)**

      **New function CallOnGroebnerFanIdeals:  (...)**

      **ReadExpr: decimal point**

      **UniversalGBasis: sometimes gives  (...)**

      **Add "exit" in addition to "ciao"**

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**CoCoA-5**

**CoCoA-5.2.0 spring 2017 100%**

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|---|---|
| New function: StdBasis (standard  (...) | Closed 100% |
| New function: SymmetricPolys | Closed 100% |
| Manual: XML problem with html doc | Closed 100% |
| New function: multigraded BettiNumbers | Closed 100% |
| GroebnerFanIdeals: verbosity and  (...) | Closed 100% |
| SEGV: Toric example from Kazuki  (...) | Closed 100% |
| LaTeX(x^10) should use curly brackets | Closed 100% |
| New function: IdealOfGBasis | Closed 100% |
| Emacs UI: sending empty input from  (...) | Closed 100% |
| Emacs UI: cocoa5-send-line skips  (...) | Closed 100% |
| New function: SetGBasisAsGens [-->  (...) | Rejected 100% |
| Interpreter: limit range for ".."  (...) | Closed 100% |
| Readline: cursor moves wrongly  (...) | Closed 100% |
| Emacs: sent interrupt to CoCoA | Closed 100% |
| CoCoAManual: entry for SetVerbosityLevel/VerbosityLevel | Closed 100% |
| New function: IsCoprime | Closed 100% |
| New function: SectionalMatrix,  (...) | Closed 100% |
| Error message from cocoalib to  (...) | Closed 100% |
| CoCoA-5 no longer lists the external  (...) | Closed 100% |
| NewPolyRing with user defined ordering  (...) | Closed 100% |
| ReadExpr(P, string) and RingElem(P,  (...) | Closed 100% |