

CoCoALib - Issues

| # | Project | Parent task | Priority | Subject | Assignee | Updated | Category | % Done |
|------|----------|-------------|----------|---|--------------------|-------------------|-----------------|--------|
| 1803 | CoCoALib | | Normal | Improve trivial operations with ideal whose GBasis is [1] | Anna Maria Bigatti | 25 Mar 2024 19:06 | | 0 |
| 1782 | CoCoALib | | Normal | Make CoCoALib test file for radical | Anna Maria Bigatti | 01 Mar 2024 09:44 | Tidying | 0 |
| 1743 | CoCoALib | | Normal | Implement Truncated GBases for homogeneous input | Anna Maria Bigatti | 19 May 2023 15:42 | New Function | 0 |
| 1704 | CoCoALib | | Normal | Symlink directory for external files needed by CoCoA-5 | Anna Maria Bigatti | 18 Mar 2024 09:29 | Tidying | 0 |
| 1665 | CoCoALib | | Normal | Compilation on Windows: problems for normaliz | Anna Maria Bigatti | 18 Mar 2024 09:27 | Documentation | 0 |
| 1575 | CoCoALib | | Normal | DynamicBitset missing arg checks | Anna Maria Bigatti | 16 Feb 2024 09:46 | Safety | 0 |
| 1441 | CoCoALib | | Normal | GFan: port CoCoA_5 functions into CoCoALib | Anna Maria Bigatti | 16 Feb 2024 17:54 | New Function | 0 |
| 1433 | CoCoALib | | Normal | HilbertDriven Buchberger Algorithm | Anna Maria Bigatti | 16 Feb 2024 18:02 | New Function | 0 |
| 1254 | CoCoALib | | Normal | New function: MinPoly for pseudo-zero-dimensional ideals | Anna Maria Bigatti | 07 Mar 2024 20:25 | New Function | 0 |
| 1132 | CoCoALib | | Normal | Canonical homomorphism for (some) polynomial rings? | Anna Maria Bigatti | 08 Mar 2024 18:01 | New Function | 0 |
| 1096 | CoCoALib | | Low | WEB SITE: HTML is not clean! | Anna Maria Bigatti | 31 Aug 2017 10:05 | Documentation | 0 |
| 949 | CoCoALib | | Normal | New function: IdealWithIncrementalGBasis(l, f) | Anna Maria Bigatti | 16 Feb 2024 18:03 | New Function | 0 |
| 913 | CoCoALib | | Normal | Read input from SymbolicData database | Anna Maria Bigatti | 02 Aug 2016 10:55 | New Function | 0 |
| 809 | CoCoALib | | Normal | FastCmp for degree -- useful? | Anna Maria Bigatti | 27 Nov 2015 16:06 | Tidying | 0 |
| 791 | CoCoALib | | Normal | Clean code for DistrMPolyClean | Anna Maria Bigatti | 02 Nov 2015 22:13 | Tidying | 0 |
| 624 | CoCoALib | | Normal | Wikipedia | Anna Maria Bigatti | 06 Nov 2017 13:40 | Documentation | 0 |
| 589 | CoCoALib | | Normal | Implement gin (generic initial ideal) in cocoalib | Anna Maria Bigatti | 15 Jul 2014 18:17 | New Function | 0 |
| 505 | CoCoALib | | Normal | Documentation: write doc for RingDenseUPolyClean | Anna Maria Bigatti | 21 Sep 2016 17:15 | Documentation | 0 |
| 409 | CoCoALib | | High | Minimal syzygies (optimized implementation) | Anna Maria Bigatti | 31 Jul 2014 12:36 | New Function | 0 |
| 399 | CoCoALib | | High | add myHilbertSeries member field to ideal and (sub)module | Anna Maria Bigatti | 30 Jul 2014 17:04 | New Function | 0 |
| 387 | CoCoALib | | High | implement algorithm(s) for resolutions | Anna Maria Bigatti | 30 Jul 2014 17:04 | New Function | 0 |
| 316 | CoCoALib | | Normal | submodule constructor different from ideal | Anna Maria Bigatti | 10 Jul 2014 16:21 | Tidying | 0 |
| 205 | CoCoALib | | Normal | Example for change of coordinates with coeffs in a matrix | Anna Maria Bigatti | 14 Jul 2014 14:39 | Documentation | 0 |
| 196 | CoCoALib | | Normal | PPWithMask needs checking | Anna Maria Bigatti | 04 Apr 2014 17:50 | Documentation | 0 |
| 1809 | CoCoALib | | Normal | Make ex-syz.C | Anna Maria Bigatti | 28 Mar 2024 08:45 | Documentation | 10 |
| 1808 | CoCoALib | | Normal | New constructor for PolyRing with elimination ordering | Anna Maria Bigatti | 28 Mar 2024 07:35 | New Function | 10 |
| 1786 | CoCoALib | | Normal | Add new function for IsInRadical for monomial ideals? (RadicalMembership) | Anna Maria Bigatti | 01 Mar 2024 18:37 | Improving | 10 |
| 1744 | CoCoALib | | Normal | Implement GBMill (aka Groebner Framework) | Anna Maria Bigatti | 25 May 2023 14:30 | Data Structures | 10 |
| 1742 | CoCoALib | | Normal | MinGens could be faster | Anna Maria Bigatti | 18 May 2023 13:44 | Improving | 10 |
| 1571 | CoCoALib | | Normal | ker_H needs care | Anna Maria Bigatti | 16 Feb 2024 17:49 | Maths Bugs | 10 |

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| 1422 | CoCoALib | | Normal | Remove flag lhaveGBasisValue? | Anna Maria Bigatti | 16 Feb 2024 17:56 | Data Structures | 10 |
| 1337 | CoCoALib | | Normal | PrimaryDecomposition: a interesting/pathological example | Anna Maria Bigatti | 08 Mar 2023 21:13 | Improving | 10 |
| 1070 | CoCoALib | | Normal | Slug: MakeTermOrd (rk calls in RemoveRedundantRows) | Anna Maria Bigatti | 17 May 2017 13:47 | Improving | 10 |
| 937 | CoCoALib | | Normal | LinDepMill: Mill for linear dependencies | Anna Maria Bigatti | 18 Apr 2024 16:38 | New Function | 10 |
| 849 | CoCoALib | | Normal | Cleanup MinPoly code | Anna Maria Bigatti | 08 Mar 2024 18:15 | Tidying | 10 |
| 777 | CoCoALib | | Normal | SLUG: elimination | Anna Maria Bigatti | 22 Mar 2024 18:12 | Improving | 10 |
| 765 | CoCoALib | | Normal | ExternalLib-CDD: (needed by GFan) | Anna Maria Bigatti | 11 Sep 2019 13:47 | Portability | 10 |
| 703 | CoCoALib | | Normal | Add more operations between modules (CoCoALib) | Anna Maria Bigatti | 27 Oct 2017 11:53 | New Function | 10 |
| 676 | CoCoALib | | Normal | Credits to CoCoALib contributors | Anna Maria Bigatti | 28 Apr 2017 11:06 | Documentation | 10 |
| 386 | CoCoALib | | High | add resolution data type | Anna Maria Bigatti | 11 Jun 2015 14:58 | New Function | 10 |
| 87 | CoCoALib | | Normal | Cleanup header for ring classes (so that they are e-diff-able) | Anna Maria Bigatti | 10 Jul 2014 16:26 | Tidying | 10 |
| 1737 | CoCoALib | | Normal | Homogenization of an ideal with \mathbb{Z}^1 -grading | Anna Maria Bigatti | 01 Feb 2024 19:59 | Improving | 20 |
| 1720 | CoCoALib | | Normal | DivAlg in CoCoALib | Anna Maria Bigatti | 25 Mar 2024 17:55 | Tidying | 20 |
| 1417 | CoCoALib | | Normal | RadicalZeroDim with extra parameter for GBasis timeout | Anna Maria Bigatti | 16 Mar 2024 21:42 | Improving | 20 |
| 1179 | CoCoALib | | Normal | Clean up SparsePolyOps-MonomialIdeals | Anna Maria Bigatti | 22 Mar 2024 09:33 | Tidying | 20 |
| 898 | CoCoALib | | High | New function: cardinality of finite field? | Anna Maria Bigatti | 08 Mar 2024 17:45 | New Function | 20 |
| 780 | CoCoALib | | Normal | GroebnerFan/ExternalLib-GFan: improve package | Anna Maria Bigatti | 21 Apr 2017 11:06 | Improving | 20 |
| 686 | CoCoALib | | Normal | myAddMul in poly rings | Anna Maria Bigatti | 20 Apr 2015 13:22 | Tidying | 20 |
| 1796 | CoCoALib | | Normal | myFinalizeGBasis ("Final clean up") should be more flexible | Anna Maria Bigatti | 22 Mar 2024 16:19 | Improving | 30 |
| 1740 | CoCoALib | | High | MinGens gives non minimal gens *if some deg=0* | Anna Maria Bigatti | 22 Mar 2024 18:04 | Maths Bugs | 30 |
| 1103 | CoCoALib | | Normal | Pseudo-zero-dim ideals | Anna Maria Bigatti | 05 Nov 2021 16:09 | Improving | 30 |
| 1066 | CoCoALib | | Normal | Documentation: translation table | Anna Maria Bigatti | 08 Mar 2024 18:16 | Documentation | 30 |
| 313 | CoCoALib | | High | Elim(vector<long>) as PPOrderingCtor | Anna Maria Bigatti | 22 Mar 2024 18:17 | New Function | 30 |
| 598 | CoCoALib | | Normal | Syzygy for modules: non-homogeneous module | Anna Maria Bigatti | 27 Mar 2024 17:31 | Improving | 40 |
| 1687 | CoCoALib | | Normal | Release CoCoALib 0.99850 | Anna Maria Bigatti | 29 Mar 2024 10:42 | Various | 50 |
| 1094 | CoCoALib | | Normal | Revive code for SelfSaturating GBasis | Anna Maria Bigatti | 22 Mar 2024 14:38 | New Function | 50 |
| 1057 | CoCoALib | | High | Slug: Polynomial ring constructor slow with (big) matrix ordering | Anna Maria Bigatti | 22 Mar 2024 09:31 | Improving | 50 |
| 924 | CoCoALib | | Normal | FlagManager for bool/bool3 flags | Anna Maria Bigatti | 16 Feb 2024 17:57 | Data Structures | 50 |
| 707 | CoCoALib | | Normal | MatrixOrderingMod32749Impl: test and write documentation! | Anna Maria Bigatti | 25 Apr 2024 21:46 | Safety | 50 |
| 1775 | CoCoALib | | Normal | CoCoALib releases on redmine | Anna Maria Bigatti | 12 Jan 2024 13:29 | Documentation | 70 |
| 1394 | CoCoALib | | Low | Oddly slow GBasis computation (slow final cleanup) | Anna Maria Bigatti | 16 Apr 2024 22:46 | Improving | 70 |
| 967 | CoCoALib | | Normal | Improve saturate | Anna Maria Bigatti | 22 Mar 2024 10:18 | Improving | 70 |

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| 1662 | CoCoALib | | Normal | txt2tags: problem with filenames containing "_" or "-" | Anna Maria Bigatti | 09 Apr 2024 14:21 | Documentation | 80 |
| 958 | CoCoALib | | Normal | New function: multiplicity and dim | Anna Maria Bigatti | 08 Mar 2024 18:15 | New Function | 80 |
| 26 | CoCoALib | | High | Redmine Administration | Anna Maria Bigatti | 23 Feb 2024 10:59 | Documentation | 80 |
| 1711 | CoCoALib | | Normal | Development releases? | Anna Maria Bigatti | 09 Mar 2023 20:56 | Various | 90 |
| 813 | CoCoALib | | Immediate | Implement "elim" in CoCoALib | Anna Maria Bigatti | 18 Mar 2024 15:58 | New Function | 90 |