

CoCoALib - Issues

| # | Project | Parent task | Priority | Subject | Assignee | Updated | Category | % Done |
|------|----------|-------------|----------|--|--------------------|-------------------|------------|--------|
| 1729 | CoCoALib | | Urgent | Bug HilbertPoly of zero-dimensional ideals | Anna Maria Bigatti | 12 Apr 2023 14:45 | Maths Bugs | 100 |
| 1710 | CoCoALib | | Urgent | IsSqFree, IsIrred bugs in ZZ[x] and QQ[x] | John Abbott | 07 Mar 2023 20:55 | Maths Bugs | 100 |
| 1449 | CoCoALib | | Urgent | Bivariate factor bug: sometimes a factor is reducible | John Abbott | 20 May 2020 13:26 | Maths Bugs | 100 |
| 1310 | CoCoALib | | Urgent | RealRoots: gives odd number of roots for deg 6 irred poly | John Abbott | 14 Oct 2019 15:01 | Maths Bugs | 100 |
| 1143 | CoCoALib | | Urgent | Polynomial multiplication wrong for non integral rings | John Abbott | 20 Dec 2017 15:48 | Maths Bugs | 100 |
| 938 | CoCoALib | | Urgent | ReadExpr: misreads 2/3^4 | John Abbott | 18 Nov 2016 22:23 | Maths Bugs | 100 |
| 666 | CoCoALib | | Urgent | RatReconstructByLattice fails in some simple cases | John Abbott | 25 Jun 2015 15:16 | Maths Bugs | 100 |
| 355 | CoCoALib | | Urgent | Colon of zero ideal fails (zero-divisors) | Anna Maria Bigatti | 30 Oct 2013 10:52 | Maths Bugs | 100 |
| 36 | CoCoALib | | Urgent | Saturation | Anna Maria Bigatti | 05 Dec 2011 18:27 | Maths Bugs | 100 |
| 1790 | CoCoALib | | High | saturate with zero ideals | John Abbott | 21 Mar 2024 17:56 | Maths Bugs | 100 |
| 1725 | CoCoALib | | High | resultant: gives wrong answer when should be 0 | John Abbott | 09 Mar 2023 20:49 | Maths Bugs | 100 |
| 1690 | CoCoALib | | High | resultant gives wrong answer if an arg has deg 0 | John Abbott | 18 Jan 2023 18:33 | Maths Bugs | 100 |
| 1379 | CoCoALib | | High | Fails to recognize zero-dim ideal | Anna Maria Bigatti | 10 Jan 2020 12:17 | Maths Bugs | 100 |
| 1248 | CoCoALib | | High | MinPolyQuot: guaranteed and ideal without GBasis | Anna Maria Bigatti | 31 Oct 2019 15:55 | Maths Bugs | 100 |
| 1211 | CoCoALib | | High | HilbertSeries should check grading | Anna Maria Bigatti | 03 Oct 2019 10:37 | Maths Bugs | 100 |
| 1185 | CoCoALib | | High | factor: multivariate, wrong RemainingFactor (sign wrong) | John Abbott | 31 Jul 2018 13:15 | Maths Bugs | 100 |
| 1101 | CoCoALib | | High | Bug in MinPolyModular (insufficient rational reconstruction) | Anna Maria Bigatti | 15 Dec 2017 16:42 | Maths Bugs | 100 |
| 1082 | CoCoALib | | High | factor in ZZ[x] gives errors | John Abbott | 08 Nov 2017 14:12 | Maths Bugs | 100 |
| 648 | CoCoALib | | High | QBGenerator crashes | John Abbott | 17 Nov 2014 11:38 | Maths Bugs | 100 |
| 577 | CoCoALib | | High | Hilbert crashes with > 100 indeterminates | Anna Maria Bigatti | 31 Jul 2014 16:57 | Maths Bugs | 100 |
| 85 | CoCoALib | | High | QuotientRing problem | Anna Maria Bigatti | 05 Jul 2012 10:11 | Maths Bugs | 100 |
| 1773 | CoCoALib | | Normal | CyclotomicFactorIndexes: gave wrong answer | John Abbott | 22 Dec 2023 21:30 | Maths Bugs | 100 |
| 1758 | CoCoALib | | Normal | Graeffe "sign bug" | John Abbott | 22 Dec 2023 20:59 | Maths Bugs | 100 |
| 1656 | CoCoALib | | Normal | SEGV in resultant | John Abbott | 04 Feb 2022 21:33 | Maths Bugs | 100 |
| 1646 | CoCoALib | | Normal | radical: could be more clever | John Abbott | 24 Jan 2022 09:07 | Maths Bugs | 100 |
| 1570 | CoCoALib | | Normal | FloatStr sometimes produces NUL chars | John Abbott | 16 Sep 2021 12:32 | Maths Bugs | 100 |
| 1565 | CoCoALib | | Normal | IsInRadical: gives "weird" error | John Abbott | 16 Sep 2021 12:49 | Maths Bugs | 100 |
| 1484 | CoCoALib | | Normal | ker bug (quotientinghom for R/ideal()) | Anna Maria Bigatti | 16 Sep 2021 13:33 | Maths Bugs | 100 |
| 1416 | CoCoALib | | Normal | IdealOfProjectivePoints and MinGens | Anna Maria Bigatti | 04 Mar 2020 14:19 | Maths Bugs | 100 |
| 1411 | CoCoALib | | Normal | IsPrimary sometimes wrong | John Abbott | 03 Feb 2020 15:42 | Maths Bugs | 100 |
| 1331 | CoCoALib | | Normal | adj: for matrices 7x7 and bigger | John Abbott | 28 Oct 2020 23:17 | Maths Bugs | 100 |

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|------|----------|-------------|----------|---|--------------------|-------------------|------------|--------|
| 1300 | CoCoALib | | Normal | CoprimeFactorBasis: mishandles negative args | John Abbott | 01 Oct 2019 13:34 | Maths Bugs | 100 |
| 1206 | CoCoALib | | Normal | syz, SyzOfGens: which shifts for zero? | Anna Maria Bigatti | 28 Mar 2024 10:15 | Maths Bugs | 100 |
| 1199 | CoCoALib | | Normal | GCD bug with high degree arg | Anna Maria Bigatti | 03 Aug 2018 15:47 | Maths Bugs | 100 |
| 1121 | CoCoALib | | Normal | PrevPrime and NextPrime anomalies | John Abbott | 03 Aug 2018 15:48 | Maths Bugs | 100 |
| 1081 | CoCoALib | | Normal | ideal() * RingElem gives error | Anna Maria Bigatti | 08 Nov 2017 17:03 | Maths Bugs | 100 |
| 956 | CoCoALib | | Normal | determinant: fails for 0x0 matrix (SEGV) | John Abbott | 28 Apr 2017 09:29 | Maths Bugs | 100 |
| 858 | CoCoALib | | Normal | floor for TwinFloat can produce ERR::SERIOUS | John Abbott | 25 Jun 2016 12:08 | Maths Bugs | 100 |
| 853 | CoCoALib | | Normal | NearestInt can needlessly throw InsufficientPrecision | John Abbott | 05 Oct 2016 16:33 | Maths Bugs | 100 |
| 776 | CoCoALib | | Normal | FloatStr prints a NUL character | John Abbott | 01 Feb 2016 14:23 | Maths Bugs | 100 |
| 510 | CoCoALib | | Normal | SyzOfGens (CoCoALib): fix shifts | Anna Maria Bigatti | 17 Apr 2014 16:36 | Maths Bugs | 100 |
| 457 | CoCoALib | | Normal | Zero to the power zero, 0^0 | John Abbott | 03 Apr 2014 11:50 | Maths Bugs | 100 |
| 377 | CoCoALib | | Normal | IsDivisible -- exact semantics? | John Abbott | 17 Apr 2014 09:21 | Maths Bugs | 100 |
| 199 | CoCoALib | | Normal | CFApprox: division by zero | John Abbott | 29 Jun 2012 17:23 | Maths Bugs | 100 |