

CoCoALib - Bug #1656

SEGV in resultant

29 Jan 2022 15:22 - John Abbott

| | | | |
|---|------------------|------------------------|--------------------|
| Status: | Closed | Start date: | 29 Jan 2022 |
| Priority: | Normal | Due date: | |
| Assignee: | John Abbott | % Done: | 100% |
| Category: | Maths Bugs | Estimated time: | 0.66 hour |
| Target version: | CoCoALib-0.99800 | Spent time: | 0.65 hour |
| Description A quick way to SEGV: <pre>resultant(x^2+1, x/x, x);</pre> Sigh! Anyone know what the resultant is when either or both polys is zero? [probably should give error] | | | |
| Related issues: Related to CoCoALib - Design #1653: Discriminant: return value | | | |
| | | Closed | 27 Jan 2022 |

History

#1 - 29 Jan 2022 15:22 - John Abbott

- Related to Design #1653: Discriminant: return value added

#2 - 29 Jan 2022 17:03 - John Abbott

- Status changed from New to Feedback

- Assignee set to John Abbott

- % Done changed from 0 to 90

The problem was in some unrefined code for computing subresultant sequences.
Now it is more robust.

#3 - 04 Feb 2022 21:33 - John Abbott

- Status changed from Feedback to Closed

- % Done changed from 90 to 100

- Estimated time set to 0.66 h

I have added a test to exbugs.cocoa5 -- the one given in the description.
Closing.