

## CoCoA-5 - Bug #1322

### SEGV when debugging is active

27 Sep 2019 11:02 - John Abbott

<b>Status:</b>	Closed	<b>Start date:</b>	27 Sep 2019
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	100%
<b>Category:</b>	bug	<b>Estimated time:</b>	1.11 hour
<b>Target version:</b>	CoCoA-5.3.0	<b>Spent time:</b>	1.20 hour

#### Description

Seems to work fine if compiled without `--debug`, but several tests fail (SEGV) when `--debug` is active:

```
*****
*****  Bad news  *****
*****
*****  The following CoCoA-5 tests failed, please tell us about it.
*****    lecture-HF2  test-HomomorphismOps  SourceAnna  radical
```

#### History

##### #1 - 27 Sep 2019 16:37 - John Abbott

- Status changed from New to In Progress
- % Done changed from 0 to 10

```
I := ideal(zero(R));
ReducedGBasis(I); --> SEGV
```

##### #2 - 27 Sep 2019 16:58 - Anna Maria Bigatti

- Status changed from In Progress to Closed
- Assignee set to John Abbott
- % Done changed from 10 to 100

Silly problem, when you know it..

There was a debugging call `CoCoA_ASSERT(myMinGens().empty())` (causing an infinite recursive call!!) and the correct call is `CoCoA_ASSERT(myMinGensValue.empty());`.

##### #3 - 27 Sep 2019 17:13 - John Abbott

Added a CoCoALib test

##### #4 - 27 Sep 2019 17:14 - John Abbott

- Estimated time set to 1.11 h