CoCoA-5 - Bug #1322

SEGV when debugging is active

27 Sep 2019 11:02 - John Abbott

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