## CoCoALib - Bug \#1331

adj: for matrices $7 \times 7$ and bigger
08 Oct 2019 15:24 - John Abbott


## History

\#1-08 Oct 2019 15:26 - John Abbott

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

Here is a simple failing case:

```
ZZ25 ::= ZZ/(25);
adj(IdentityMat(ZZ25,6)); --> this works
adj(IdentityMat(ZZ25,7)); --> error ring is not SparsePolyRing!
```


## \#2-08 Oct 2019 15:26-John Abbott

- Related to Bug \#15: Adjoint of a non-invertible matrix added


## \#3-25 Sep 2020 14:35-John Abbott

- Status changed from In Progress to Resolved
- \% Done changed from 10 to 80

There were two problems:

- (A) the dispatch function ConstMatrixViewBase::myDet in matrix.C was rather crude
- (B) the impl of DetDirect required needlessly that the ring be a polyring (now fixed).

I have tried to improve myDet().

## \#4-25 Sep 2020 14:52 - John Abbott

[^0]Now I have split DetDirect into two fns: one generic and one for sparsepolyrings (where I can use geobuckets)

## \#5-25 Sep 2020 14:58 - John Abbott

I have added a test to test-bug1.C
\#6-28 Oct 2020 23:17-John Abbott

- Status changed from Resolved to Closed
- \% Done changed from 80 to 100
- Estimated time set to 1.17 h


[^0]:    - Assignee set to John Abbott

