CoCoALib - Bug #1590

CRASH: LinKerZZ

26 Apr 2021 15:06 - John Abbott

Status:	Closed		Start date:	26 Apr 2021
Priority:	Normal		Due date:	
Assignee:	John Abbott		% Done:	100%
Category:	Safety		Estimated time:	1.49 hour
Target version:	CoCoALib-0.99800		Spent time:	1.50 hour

Description

Florian reports:

```
LinKerZZ(mat(ZZ,[[1,1],[2,0],[0,3]])); --> CRASH!
```

Fn is undocumented, but should not crash.

History

#1 - 26 Apr 2021 15:07 - John Abbott

The correct input should have been the transpose of the matrix.

#2 - 26 Apr 2021 16:03 - John Abbott

- *Status changed from New to Feedback*

- *Assignee set to John Abbott*

- *% Done changed from 0 to 90*

- *Estimated time set to 1.20 h*

The problem was an incorrectly sized vector; the bug was "hidden" by a poor choice of variable name (was **row**, now changed to **col_j**).

Two quick tests passed. Maybe I'd better add a couple of tests to the suite?

#3 - 16 Sep 2021 12:15 - Anna Maria Bigatti

works ok for me.

#4 - 16 Sep 2021 12:27 - John Abbott

- *Status changed from Feedback to Closed*

- *% Done changed from 90 to 100*

- *Estimated time changed from 1.20 h to 1.49 h*

There seems to be documentation now.
I have just added a new test **test-MatrixOps1.C** which tests the input given in the description.

Closing.