CoCoA-5 - Bug #1189

HilbertBasisKer: unhelpful error with some inputs

19 Jun 2018 11:25 - John Abbott

Status:	Closed	**Start date:**	19 Jun 2018
Priority:	High	**Due date:**	
Assignee:	Anna Maria Bigatti	**% Done:**	100%
Category:	bug	**Estimated time:**	2.51 hours
Target version:	CoCoA-5.2.4	**Spent time:**	1.90 hour

Description

HilbertBasisKer gives an unhelpful error sometimes:

```
M:=ColMat([-2,-5]);
HilbertBasisKer(M);
--> ERROR: Cannot index an empty list
--> WHERE: at line 673 (column 23) of misc.cpkg5
-->   FromRing := owner(L[1]);
-->                       ^
```

Related issues:

Related to CoCoA-5 - Design #1194: Rename HilbertBasisKer into LinKerHilbertB...	**Rejected**	**25 Jun 2018**

History

#1 - 19 Jun 2018 11:27 - John Abbott

High priority because it's embarassing, but hopefully easy to fix.

#2 - 25 Jun 2018 09:47 - Anna Maria Bigatti

- Assignee set to Anna Maria Bigatti

- % Done changed from 0 to 80

Result is the empty list for such an input. Fixed.

#3 - 25 Jun 2018 11:26 - Anna Maria Bigatti

- Related to Design #1194: Rename HilbertBasisKer into LinKerHilbertBasis? added

#4 - 25 Jun 2018 11:34 - Anna Maria Bigatti

- Status changed from New to Feedback

- % Done changed from 80 to 90

- Estimated time set to 2.51 h

Checked in.

#5 - 30 Jul 2018 14:17 - John Abbott

- Description updated

- Status changed from Feedback to Closed

- % Done changed from 90 to 100

Closing