

## CoCoALib - Feature #145

Feature # 143 (In Progress): Buchberger-Moeller (parent task)

### Buchberger-Moeller: fast modular impl

01 May 2012 11:37 - John Abbott

<b>Status:</b>	New	<b>Start date:</b>	01 May 2012
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	John Abbott	<b>% Done:</b>	0%
<b>Category:</b>	New Function	<b>Estimated time:</b>	20.00 hours
<b>Target version:</b>	CoCoALib-1.0	<b>Spent time:</b>	0.20 hour
<b>Description</b>			
Impl BM over a small prime finite field. Aim for speed.			
Input ideals are represented as multiplication matrices (one for each indet).			
<b>Related issues:</b>			
Related to CoCoALib - Bug #349: IdealOfPoints: gens are actually a GBasis		<b>Closed</b>	<b>18 May 2013</b>

### History

#### #1 - 28 Jan 2013 08:11 - Anna Maria Bigatti

- Category set to New Function

#### #2 - 08 Feb 2013 18:01 - John Abbott

- Assignee set to John Abbott

- Priority changed from Normal to Urgent

- Target version set to CoCoALib-0.9953

#### #3 - 27 Mar 2013 19:38 - John Abbott

Just a pointless comment to "wake up" this issue.

#### #4 - 05 Apr 2013 14:06 - Anna Maria Bigatti

... and import cocoa-4 code

#### #5 - 29 May 2013 17:02 - John Abbott

- Target version changed from CoCoALib-0.9953 to CoCoALib-0.99534 Seoul14

No hope of finishing this in time for 0.9953/CoCoA School 2013.

#### #6 - 29 Oct 2013 15:17 - Anna Maria Bigatti

- Target version changed from CoCoALib-0.99534 Seoul14 to CoCoALib-0.99532

#### #7 - 03 Apr 2014 11:29 - John Abbott

- Target version changed from CoCoALib-0.99532 to CoCoALib-0.99533 Easter14

#### #8 - 04 Apr 2014 17:45 - John Abbott

- Target version changed from CoCoALib-0.99533 Easter14 to CoCoALib-0.99534 Seoul14

#### #9 - 10 Jul 2014 14:17 - John Abbott

- Target version changed from CoCoALib-0.99534 Seoul14 to CoCoALib-1.0