CoCoALib - Feature #1808

New constructor for PolyRing with elimination ordering

28 Mar 2024 07:31 - Anna Maria Bigatti

Status:	In Progress		Start date:	28 Mar 2024
Priority:	Normal		Due date:	
Assignee:	Anna Maria Bigatti		% Done:	10%
Category:	New Function		Estimated time:	0.00 hour
Target version:	CoCoALib-0.99880		Spent time:	0.50 hour
Description				
New syntax NewPolyRingElim(....) would be handy, and also easily transferred to CoCoA-5. Design its interface (eg: vector of long? strings? weights?).				
Related issues:				
Related to CoCoA-5 - Feature #78: Elim ordering and matrix ordering in CoCoA-5			**In Progress**	**16 Jan 2012**
Related to CoCoALib - Feature #313: Elim(vector<long>) as PPOrderingCtor			**In Progress**	**15 Feb 2013**

History

#1 - 28 Mar 2024 07:35 - Anna Maria Bigatti

- Assignee set to Anna Maria Bigatti

- % Done changed from 0 to 10

This issue originates [#78](#) (for CoCoA-5).
However, elimination orderings are widely used in CoCoALib (not just for elimination), so we have many examples of applications: go through them to design the easiest interface for the most common usage.

#2 - 28 Mar 2024 07:35 - Anna Maria Bigatti

- Related to Feature #78: Elim ordering and matrix ordering in CoCoA-5 added

#3 - 28 Mar 2024 07:36 - Anna Maria Bigatti

- Related to Feature #313: Elim(vector<long>) as PPOrderingCtor added