

CoCoALib - Feature #1742

MinGens could be faster

18 May 2023 13:44 - Anna Maria Bigatti

Status:	New	Start date:	18 May 2023
Priority:	Normal	Due date:	
Assignee:	Anna Maria Bigatti	% Done:	10%
Category:	Improving	Estimated time:	10.00 hours
Target version:	CoCoALib-0.99880	Spent time:	0.00 hour
Description			
<p>When asking for MinGens with homogeneous input, we do not need to compute the whole GBasis, not even to make pairs whose degree is higher than the highest for the generators given.</p> <p>This is not trivial to implement because requires a dedicated function very similar to GBasis.</p> <p>I hate duplicating code: how to minimize the overlap of the two functions?</p>			
Related issues:			
Related to CoCoALib - Bug #1740: MinGens gives non minimal gens *if some deg=0*		In Progress	05 May 2023
Related to CoCoALib - Feature #1743: Implement Truncated GBases for homogeneo...		New	19 May 2023

History

#1 - 19 May 2023 15:39 - Anna Maria Bigatti

- Related to Bug #1740: MinGens gives non minimal gens *if some deg=0* added

#2 - 19 May 2023 15:48 - Anna Maria Bigatti

- Related to Feature #1743: Implement Truncated GBases for homogeneous input added