

CoCoA-5 - Feature #1476

Lin alg with polys

06 Aug 2020 14:59 - John Abbott

Status:	New	Start date:	06 Aug 2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	CoCoA-5 function: new	Estimated time:	0.00 hour
Target version:	CoCoA-5.4.2	Spent time:	0.20 hour
Description			
Andraschko requests...			
Given two subsets B_1 and B_2 of a polynomial ring, it is often necessary to construct $U = \langle B_1 \rangle_K$ and $V = \langle B_2 \rangle_K$ (the K -vector subspaces generated by B_1 and B_2) and then compute a basis of their direct sum or intersection. Is there an easy way for doing this or do I have to implement everything by myself?			

History

#1 - 06 Aug 2020 15:03 - John Abbott

I plan to meet Bernhard on Monday, and hope to learn better exactly what he wants.

Anyway, for some time I have though that "doing linear algebra with polynomials" would be a good idea.