

CoCoALib - Feature #515

Fn to "flatten" multiple polynomial extns

02 Apr 2014 18:30 - John Abbott

Status:	New	Start date:	02 Apr 2014
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	New Function	Estimated time:	0.00 hour
Target version:	CoCoALib-1.0	Spent time:	0.25 hour
Description <p>In C5 a user can easily create a ring like $QQ[x][y]$ which is obviously isomorphic to $QQ[x,y]$. CoCoA can do many operations on elements of the second ring, but would be stuck given the first ring (e.g. factorization, sqfrfactor, gcd)</p> <p>To make impl simpler have a fn which given a ring like $QQ[x][y]$ produces a single-level poly extn together with two isomorphisms to move values back and forth.</p> <p>We'd also need fn to tell whether a ring is a multiple poly extn.</p>			
Related issues:			
Related to CoCoALib - Feature #47: Squarefree factorization - multivariate po...		Closed	30 Nov 2011
Related to CoCoALib - Feature #516: Make squarefreefactor work in multiple po...		New	02 Apr 2014

History

#1 - 02 Apr 2014 18:39 - John Abbott

Once this has been impl'ed (if), we should go back and finish those issues which needed the capability. See the related issues list!

#2 - 10 Jul 2014 14:22 - John Abbott

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