

CoCoALib - Feature #1803

Improve trivial operations with ideal whose GBasis is [1]

25 Mar 2024 19:06 - Anna Maria Bigatti

Status:	New	Start date:	25 Mar 2024
Priority:	Normal	Due date:	
Assignee:	Anna Maria Bigatti	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	CoCoALib-0.99900	Spent time:	0.00 hour
Description Sum is clever -- if HasGBasis(I) and is ideal(1). Do the same for product and for other similar operations. <pre>use QQ[x,y,z]; I := ideal(x, x-1); GBasis(I); ideal(y) + I; ---> gives (1) :-) ideal(y) * I; ---> uses generators :-(</pre>			
Related issues: Related to CoCoALib - Design #1647: Suppress zero from ideal generators? Det... Closed 20 Jan 2022			

History

#1 - 25 Mar 2024 19:06 - Anna Maria Bigatti

- Related to Design #1647: Suppress zero from ideal generators? Detect 1 and simplify generators? added