

CoCoA-5 - Feature #1313

Automatic conversion from RINGELEM to INT

11 Sep 2019 15:47 - John Abbott

Status:	New	Start date:	11 Sep 2019
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	enhancing/improving	Estimated time:	0.00 hour
Target version:	CoCoA-5.4.2	Spent time:	0.00 hour
Description CoCoA-5 can be awkward about not "recognising" that a value is an integer. <pre>f := x^2+3; v := subst(f,x,5); v; --> 28 SmoothFactor(v,5); --> ERROR expected INT but found RINGELEM</pre> The "correct" current approach is to call AsINT explicitly: <pre>SmoothFactor(AsINT(v),5); --> works fine</pre> However this is inconvenient and ugly (= makes the code harder to read).			
Related issues: Related to CoCoA-5 - Design #549: Automatic conversion from RINGELEM to INT o... <div>Closed07 May 2014</div>			

History

- #1 - 11 Sep 2019 15:47 - John Abbott
 - Related to Design #549: Automatic conversion from RINGELEM to INT or RAT added
- #2 - 10 Jun 2020 16:10 - Anna Maria Bigatti
 - Target version changed from CoCoA-5.?.? to CoCoA-5.4.2
- #3 - 10 Jun 2020 16:11 - Anna Maria Bigatti
 - Target version changed from CoCoA-5.4.2 to CoCoA-5.4.0
- #4 - 03 Feb 2022 19:21 - John Abbott
 - Target version changed from CoCoA-5.4.0 to CoCoA-5.4.2