

CoCoA-5 - Design #1192

RealRoots: rational roots (but not binary rational roots)

19 Jun 2018 17:29 - John Abbott

Status:	New	Start date:	19 Jun 2018
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Cleaning	Estimated time:	0.00 hour
Target version:	CoCoA-5.4.2	Spent time:	0.00 hour
Description What should RealRoots do with an input like $3*x-1$? Currently, if the root is integer or a binary rational, RealRoots will find it exactly. If the root is rational but not a binary rational then RealRoots does not find it exactly. Should RealRoots restrict itself to finding exactly only binary rational roots? Or should it guarantee(??) to find all rational roots exactly? [the slightly tricky part would be the guarantee]			

History

- #1 - 25 Jul 2018 15:30 - John Abbott
- Target version changed from CoCoA-5.2.4 to CoCoA-5.3.0
- #2 - 01 Oct 2019 14:16 - John Abbott
- Target version changed from CoCoA-5.3.0 to CoCoA-5.4.0
- #3 - 04 Nov 2021 20:29 - John Abbott
- Target version changed from CoCoA-5.4.0 to CoCoA-5.4.2