

CoCoALib - Slug #1754

IsSqFree poorly implemented

13 Jul 2023 16:25 - John Abbott

Status:	Closed	Start date:	13 Jul 2023
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	Improving	Estimated time:	2.88 hours
Target version:	CoCoALib-0.99850	Spent time:	2.90 hours
Description I think IsSqFree for integers is probably poorly implemented. Investigate, and improve.			

History

#1 - 13 Jul 2023 16:35 - John Abbott

Ahh! I misread the code. It is not as "stupid" as I thought, but it still needs improvement (for machine integers -- contains useless lines)

#2 - 23 Jul 2023 18:01 - John Abbott

- Status changed from New to In Progress
- % Done changed from 0 to 10

Source code around NumTheory-factor.C:690

#3 - 25 Jul 2023 19:31 - John Abbott

- % Done changed from 10 to 90

I have improved the code. It is also a bit faster (than 0.99818).
Will check in soon.

#4 - 23 Feb 2024 11:38 - John Abbott

- Status changed from In Progress to Closed
- Estimated time set to 2.88 h

#5 - 23 Feb 2024 11:39 - John Abbott

- % Done changed from 90 to 100