

CoCoALib - Slug #1302

Factorization mod p

02 Aug 2019 14:14 - John Abbott

Status:	Rejected	Start date:	02 Aug 2019
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	Improving	Estimated time:	0.21 hour
Target version:	CoCoALib-0.99650 November 2019	Spent time:	0.20 hour
Description			
CoCoALib took longer than expected to factorize $x^{11009} - 2$ modulo 109 (or was it 101?) Anyway, $11009 = 101 \cdot 109$.			
Investigate!			

History

#1 - 02 Aug 2019 14:15 - John Abbott

- Description updated

#2 - 02 Aug 2019 22:43 - John Abbott

- Status changed from New to Rejected

- Assignee set to John Abbott

My fault! The factorization is actually rather fast (since it is mostly a square-free decomposition). The slow part was elsewhere in my prototype code.

#3 - 10 Oct 2019 18:46 - Anna Maria Bigatti

- Target version changed from CoCoALib-0.99700 to CoCoALib-0.99650 November 2019

#4 - 10 Oct 2019 19:11 - Anna Maria Bigatti

- % Done changed from 0 to 100

#5 - 10 Oct 2019 19:12 - Anna Maria Bigatti

- Estimated time set to 0.21 h