

## CoCoALib - Slug #1302

### Factorization mod p

02 Aug 2019 14:14 - John Abbott

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

### History

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#### #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