

CoCoALib - Design #1753

Clean up EulerTotient, InvTotient jungle in NumTheory-misc

13 Jul 2023 12:25 - John Abbott

Status:	Closed	Start date:	13 Jul 2023
Priority:	Normal	Due date:	
Assignee:	John Abbott	% Done:	100%
Category:	Tidying	Estimated time:	0.95 hour
Target version:	CoCoALib-0.99850	Spent time:	0.95 hour
Description			
The various functions for computing InvTotient are now rather a mess. Clean this up, and revise documentation.			

History

#1 - 22 Jan 2024 20:14 - John Abbott

- Status changed from New to Feedback
- % Done changed from 0 to 90

I have cleaned the code:

- removed the InvTotient iterator which is superseded by the new code (which is fast enough)
- removed quite a lot of cruft (incl. obsolete includes)

Not sure if further cleaning is necessary - probably not (or unimportant).

#2 - 07 Mar 2024 20:06 - John Abbott

The relevant files are **NumTheory-misc**.
Tests are in **test-NumTheory1,C**.

#3 - 07 Mar 2024 20:10 - John Abbott

- Status changed from Feedback to Closed
- Estimated time set to 0.95 h

The header & source files look to be acceptably neat & tidy. So closing.

#4 - 29 Mar 2024 08:25 - Anna Maria Bigatti

- % Done changed from 90 to 100

set to 100% (after being closed)