

BornAgain - Feature #300

Investigate alternatives to Monte-Carlo computation of non-analytic form factors

01 Jul 2013 17:29 - herck

Status:	Rejected	Start date:	01 Jul 2013
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
See HipGisaxs: Using Green's theorem, they calculate the form factor on the surface of the object (with triangulation)			

History

#1 - 07 Nov 2013 16:25 - wuttke

For license reasons, we will not be able to copy the solution from HipGisaxs.

Open-source libraries that may help for surface triangulation:

- http://doc.cgal.org/latest/Surface_mesher/index.html
- <http://gts.sourceforge.net>
- <http://regina.sourceforge.net>
- <http://tetgen.berlios.de>
- <http://www.alberta-fem.de>

#2 - 07 Nov 2013 16:40 - wuttke

- Subject changed from *Investigate alternative way of calculating form factors* to *Investigate alternatives to Monte-Carlo computation of non-analytic form factors*

#3 - 17 Feb 2015 10:41 - wuttke

- Parent task set to #966

#4 - 16 Nov 2016 18:09 - wuttke

- Status changed from *Backlog* to *Long Term Idea*

#5 - 18 Sep 2020 17:11 - wuttke

- Status changed from *Long Term Idea* to *Rejected*

#6 - 18 Sep 2020 17:11 - wuttke

- Parent task deleted (#966)