

BornAgain - Refactoring #1546

Feature # 1287 (Rejected): == Particle form factors ==

disambiguate getRadius()

01 Aug 2016 10:45 - wuttke

Status:	Archived	Start date:	01 Aug 2016
Priority:	High	Due date:	
Assignee:	wuttke	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Sprint32		

Description

getRadius() currently has two different, though overlapping uses:

- to return the value of »Radius«, if the particle has such a parameter
- to return a number that indicates the extension of a particle in the xy plane, for use in computing particle correlations.

Per [#1428](#), in case (1) getRadius() will become getParameter("radius").

Until then, and perhaps permanently, a different function name should be chosen for case (2). Proposal: getExtension().

Also, a more precise definition of what is computed in case (2) would be nice to have.

History

#1 - 01 Aug 2016 11:57 - wuttke

- Assignee set to wuttke

Starting in branch parunit, as preparative step towards [#1428](#).

#2 - 01 Aug 2016 14:59 - wuttke

- Status changed from Sprint to Resolved

Resolved in 4defcc9.

In passing: removed unnecessary 'virtual' attribute from 'clone' methods.

#3 - 11 Nov 2016 14:48 - herck

- Status changed from Resolved to Archived