

## BornAgain - Feature #2098

### Provide weights for ParticleLayout

21 Jun 2018 17:31 - herck

<b>Status:</b>	Resolved	<b>Start date:</b>	21 Jun 2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	herck	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Sprint 38		

#### Description

Currently, adding different ParticleLayouts to a multilayer assumes that the layouts are not restricted to certain domains of the sample. If we would add two different orientational domains as separate layouts, they would be added incoherently, assuming they both fill the x-y plane.

In such cases, it is much more natural to have a certain weight associated with each layout, which is then used to make an (incoherent) weighted sum, instead of a simple sum.

#### History

##### #1 - 10 Jul 2018 13:25 - herck

- Assignee set to herck

##### #2 - 10 Jul 2018 18:30 - herck

- Status changed from Sprint to Resolved