

## Hall A Analyzer - Bug #55

Bug # 247 (New): Version 1.7 bugfixes

### THaFormula containing parameters may crash

05/17/2017 06:05 PM - Ole Hansen

<b>Status:</b> New	<b>Start date:</b>
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Ole Hansen	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 16.00 hours
<b>Target version:</b> 1.7	<b>Spent time:</b> 0.00 hour
<b>Responsible:</b>	
<b>Description</b>	
THaFormulas containing parameter expressions, or special functions that expect parameters, may crash. Examples:	
<pre>f1 = new THaFormula("f1","gaus"); f1-&gt;Eval() *** Break *** segmentation violation  double x = 1; gHaVars-&gt;Define("x",x); f2 = new THaFormula("f2","[0]+x") f2-&gt;Eval() *** Break *** segmentation violation</pre>	

#### History

##### #1 - 05/17/2017 06:08 PM - Ole Hansen

We already have a partial fix for this: Names of functions with parameters are blocked from being passed to TFormula. Instead, trying to create such a formula results in a syntax error now.

However, explicit parameters in a formula, e.g. "[0]", or parameterized functions from TFormulaPrimitive, e.g. "Pol1(0,0)", still cause a crash.

##### #2 - 05/19/2017 04:55 PM - Ole Hansen

- Start date deleted (11/22/2014)

- Parent task set to #80

##### #3 - 01/24/2018 04:50 PM - Ole Hansen

- Parent task changed from #80 to #247

##### #4 - 01/24/2018 04:53 PM - Ole Hansen

- Target version changed from 1.6 to 1.7