

## CoCoA-5 - Feature #1313

### Automatic conversion from RINGELEM to INT

11 Sep 2019 15:47 - John Abbott

<b>Status:</b>	New	<b>Start date:</b>	11 Sep 2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	enhancing/improving	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CoCoA-5.4.2	<b>Spent time:</b>	0.00 hour
<b>Description</b>			
CoCoA-5 can be awkward about not "recognising" that a value is an integer.			
<pre>f := x^2+3; v := subst(f,x,5); v; --&gt; 28 SmoothFactor(v,5); --&gt; ERROR expected INT but found RINGELEM</pre>			
The "correct" current approach is to call AsINT explicitly:			
<pre>SmoothFactor(AsINT(v),5); --&gt; works fine</pre>			
However this is inconvenient and ugly (= makes the code harder to read).			
<b>Related issues:</b>			
Related to CoCoA-5 - Design #549: Automatic conversion from RINGELEM to INT o...		<b>Closed</b>	<b>07 May 2014</b>

#### History

##### #1 - 11 Sep 2019 15:47 - John Abbott

- Related to Design #549: Automatic conversion from RINGELEM to INT or RAT added

##### #2 - 10 Jun 2020 16:10 - Anna Maria Bigatti

- Target version changed from CoCoA-5.?.? to CoCoA-5.4.2

##### #3 - 10 Jun 2020 16:11 - Anna Maria Bigatti

- Target version changed from CoCoA-5.4.2 to CoCoA-5.4.0

##### #4 - 03 Feb 2022 19:21 - John Abbott

- Target version changed from CoCoA-5.4.0 to CoCoA-5.4.2