#### naryLim (n-ary Limit Location)

This element specifies the document setting for the default placement of n-ary limits other than integrals (since integrals are most often written as subSup and other n-ary operators are most often written as undOvr), when converted from a linear format to a two-dimensional output. Limits can be either centered above and below the n-ary operator, or positioned just to the right of the operator, as in:

When this integral object is written linearly, as , the placement of limits is ambiguous. naryLim specifies this positioning. When this element is omitted, the default placement of n-ary limits is undOvr (that is, the location of lower and upper limits). [Example: An example XML of this element in use is:

<m:mathPr>  
 <m:mathFont m:val="Cambria [Math](Math.docx)"/>  
 <m:brkBin m:val="before"/>  
 <m:brkBinSub m:val="--"/>  
 <m:smallFrac m:val="off"/>  
 <m:dispDef/>

<m:lMargin m:val="0"/>  
 <m:rMargin m:val="0"/>  
 <m:defJc m:val="centerGroup"/>  
 <m:wrapIndent m:val="1440"/>  
 <m:intLim m:val="subSup"/>  
 <m:naryLim m:val="undOvr"/>  
</m:mathPr>

end example]

|  |
| --- |
| Parent Elements |
| [mathPr](mathPr.docx) (§) |

|  |  |
| --- | --- |
| Attributes | Description |
| val (Value) | Specifies the default location of limits on an integral. Possible values are subSup and undOvr.  The possible values for this attribute are defined by the [ST\_LimLoc](ST_LimLoc.docx) simple [type](type.docx) (§). |

The following XML Schema fragment defines the contents of this element:

<complexType name="CT\_LimLoc">

<attribute name="val" [type](type.docx)="[ST\_LimLoc](ST_LimLoc.docx)" use="required"/>

</complexType>