

Re: Why I am unwilling to use Mathematica if I can help it

Source: <http://sci.tech-archive.net/Archive/sci.math.num-analysis/2005-07/msg00102.html>

- *From:* Ronald Bruck <bruck@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 12 Jul 2005 06:05:53 GMT
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In article <[dau4qu\\$4enq@xxxxxxxxxxxxxxxxxxxx](mailto:dau4qu$4enq@xxxxxxxxxxxxxxxxxxxx)>, Herman Rubin <h Rubin@xxxxxxxxxxxxxxxxxxxx> wrote:

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> In article <eKgAe.98\$Rv7.58@xxxxxxxxxxxxxxxxxxxx>,
> symbio <symbio@xxxxxxx> wrote:
> >Evaluating (using //N) two exact same expressions, gives wrong answer unless
> >FullSimplify is used first, I spent 2 days on a problem thinking my answer
> >was wrong, but turned out Mathematica 5 was giving me buggy answers, I
> >debugged it to this point, but WHY in the world is this happening? Please
> >help!!!
>
> >cut and paste below to see the test case:
>
> >In[243]:=
> >!(Cosh[(43 \[Pi])\^@2] + ((1 - Cosh[43 \[Pi])\^@2])\ Csch[
> > 43 \[Pi] Sinh[(43 \[Pi])\^@2] // FullSimplify) //
> > N[IndentingNewLine]
> > Cosh[(43 \[Pi])\^@2] + ((1 - Cosh[43 \[Pi])\^@2])\ Csch[
> > 43 \[Pi] Sinh[(43 \[Pi])\^@2] // N)
> >Out[243]=
> >!(6.551787517854307^-42)
> >Out[244]=
> >!((-1.9342813113834067^25))
>
>
> This weird collection of uses of \ and [], and other such
> uses of unnatural mathematical notation, are what I have
> against Mathematica.
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Well, but this is only an inexperienced user naively cutting and pasting. He SHOULD have sent us the "InputForm" of the expression.

Or the TeXForm, since this is a math forum. But **I** hold Mathematica's TeXForm against them, since they use their own weird spacing.

—Ron Bruck

- *Follow-Ups:*
 - ◆ *Re: Why I am unwilling to use Mathematica if I can help it*
 - ◇ *From:* Herman Rubin

- *References:*
 - ◆ *terrible mathematica bug (//N) but WHY??*
 - ◇ *From:* symbio
 - ◆ *Why I am unwilling to use Mathematica if I can help it*
 - ◇ *From:* Herman Rubin

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