

Re: a curious integral

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- *From:* "Proginoskes" <proginoskes@xxxxxxxxxxxxxx>
 - *Date:* 26 Jul 2005 14:16:52 -0700
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Narcoleptic Insomniac wrote:

> [...]
> Maybe it's just me, but I cannot decypher what the original intgral
> even is. Like when you say
>
> $\text{Int}[1/\sqrt{v^2*a+b*v+c}]$
>
> do you mean the root quantity to be
>
> $v^2 * (a+b) * (v+c)$
>
> or do you mean it to be
>
> $av^2 + bv + c$.
>
> Also, it's really hard to tell when you try to draw it out. Moreover,
> when you did try to draw it out the quantity under the root became a
> first degree polynomial, instead of a second degree that you
> originally had.
>
> Confused,

Your confusion is self-inflicted. (Thank youh Max Grundinski)

Do you have these questions when putting an expression into a graphing calculator, or Maple, or Mathematica, or just about any computer programming language?

Read up on "order of operations" or "preference".

— Christopher Heckman

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- *Follow-Ups:*
 - ◆ [*Re: a curious integral*](#)

Re: a curious integral

◇ *From:* Narcoleptic Insomniac

◆ ***Re: a curious integral***

◇ *From:* Robert Israel

• ***References:***

◆ ***a curious integral***

◇ *From:* bugalore

◆ ***Re: a curious integral***

◇ *From:* Narcoleptic Insomniac

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