

Re: Symbolic Math as Computer Science

Source: <http://sci.tech-archive.net/Archive/sci.math.symbolic/2005-12/msg00029.html>

- *From:* rouben@xxxxxxxxxxxxxxxxxxxx (Rouben Rostamian)
 - *Date:* Sat, 3 Dec 2005 15:40:52 +0000 (UTC)
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In article <o9OdnWTfnrYsqQzenZ2dnUVZ_v-dnZ2d@xxxxxxxxxxxxxxxx>, Hatto von Aquitanien <abbot@xxxxxxxxxxxxxxxx> wrote:
>Is there much in the way of academic computer scientific literature on the
>mechanisms underlying symbolic computing? I don't (believe I) mean _Modern
>Computer Algebra_ by von zur Gathen and Gerhard. I'm really thinking in
>terms of implementation along the lines of compiler theory, and formal
>language theory.
>
>My limited experience with such systems is pretty much exclusively with
>Mathematica. Does anybody happen to know of literature that reveals how
>Mathematica works at the fundamental level?

You will find the following useful:

Peter Norvig: Paradigms of AI Programming.

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Rouben Rostamian

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◇ *From:* Richard Fateman
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 - ◆ [**Symbolic Math as Computer Science**](#)
◇ *From:* Hatto von Aquitanien
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