

# Re: A question on Newton's Method

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*Source:* <http://sci.tech-archive.net/Archive/sci.math.num-analysis/2005-04/msg00041.html>

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- *From:* "James Van Buskirk" <[not\\_valid@xxxxxxxxxxxx](mailto:not_valid@xxxxxxxxxxxx)>
  - *Date:* Sat, 2 Apr 2005 20:24:58 -0700
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<beliavsky@xxxxxxx> wrote in message  
[news:1112319545.108436.153790@xx](mailto:news:1112319545.108436.153790@xx)

- > Fortran 95 is a good language to learn the imperative (procedural)
- > style of programming for numerical work, with a few elements of
- > functional programming (pure and elemental functions) thrown in. The
- > g95 compiler <http://www.g95.org> is free .
  
- > What "computer-specific problems" do you avoid by using OCaml instead
- > of Fortran? Do you mean "platform-specific"?

I can't believe you're wasting your time debating someone who thinks that a lisp-like language is suitable for a beginner in numerical analysis. How many times have you seen Mathematica just go into the tank and never come back? Not to mention that the syntax is just sooo obscure, for e.g.  $D[f[x],x]$  doesn't yield the derivative of function  $f$ . It takes way more time to figure out what the syntax is to ask Mathematica for the answer than it does to just work out the answer by hand. It's a total waste of time and math departments should just forget about Mathematica and TI-85s that they seem to be so hung up on and go back to teaching math or whatever it was they used to do.

—  
write(\*,\*) transfer((/17.392111325966148d0,6.5794487871554595D-85, &  
6.0134700243160014d-154/),('/x/')); end

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- *Follow-Ups:*
    - ◆ **[Re: A question on Newton's Method](#)**  
◇ *From:* Roman Werpachowski
  
  - *References:*
    - ◆ **[A question on Newton's Method](#)**  
◇ *From:* David M

Re: A question on Newton's Method

◆ [Re: A question on Newton's Method](#)

◇ From: Jon Harrop

◆ [Re: A question on Newton's Method](#)

◇ From: beliaivsky

- Prev by Date: [Re: can somebody verify this C program which calls dsaupd ? \(longish\)](#)
- Next by Date: [Re: can somebody verify this C program which calls dsaupd ? \(longish\)](#)
- Previous by thread: [Re: A question on Newton's Method](#)
- Next by thread: [Re: A question on Newton's Method](#)
- Index(es):
  - ◆ [Date](#)
  - ◆ [Thread](#)