
Subject: Re: bizarre number transformation
Posted by [R.Bauer](#) on Mon, 29 Jul 2002 09:04:20 GMT
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James Kuyper wrote:

>
> Reimar Bauer wrote:
> ...
>> thanks for these statements we do need double precision too.
>> I hope someone of INTEL will read sometimes this discussion,
>> because they have dropped double precision from their processors.
>
> Could you give some details on that? I could imagine INTEL producing
> chips that don't have double precision, for use in contexts where the
> extra precision isn't needed. I can't imagine them stopping production
> of processors that do provide double precision.

My last posting was not carefully enough written.

It is wrong to say "they have dropped double precision from their processors"

what's I'd like to say is the performance of double precision looks like as it

is only emulated. They have added a lot of more features to add speed to several things but not for double precision.

In my eyes it looks like they have most interest in multimedia which only need fastest single precision.

We have done here a lot of comparison of intel and amd processors. The result is in simple words. You loose a lot of time if you are using the actual Pentium 4 system instead of the actual amd if your calculation needs double precision.

Reimar

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a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
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