

# Re: New and faster algorithm for multiplication

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*Source:* <http://sci.tech-archive.net/Archive/sci.math/2005-09/msg01416.html>

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- *From:* Hans Petter Selasky <[hselasky@xxxxxxx](mailto:hselasky@xxxxxxx)>
  - *Date:* Wed, 07 Sep 2005 10:12:00 GMT
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Proginoskes wrote:

>  
> Hans Petter Selasky wrote:  
>> Hi,  
>>  
>> I think I have found a new and faster algorithm for multiplication.  
>>  
>> Any comments?  
>  
> What's the running time? If you have two N-bit integers, how long does  
> it take to find their product?

I think it is around the delay of one full adder for  $(2*N)$ -bits.

--HPS  
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• *References:*

- ◆ [New and faster algorithm for multiplication](#)  
    ◇ *From:* Hans Petter Selasky
- ◆ [Re: New and faster algorithm for multiplication](#)  
    ◇ *From:* Proginoskes
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