

Re: terrible bug in Mathematica (//N), but why????

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- *From:* Richard Fateman <[fateman@xxxxxxxxxxxxxxxx](mailto:fateman@xxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 11 Jul 2005 15:34:09 GMT
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Compute each part of  
the first expression and look at the numbers you get. A careful  
study of the results of floating point arithmetic may reveal why  
the numbers come out the way they do.  
symbio wrote:

Dr. Fateman,  
Thanks for your response, but the problem I sent you is NOT  
using Sin, it's using Sinh (hyperbolic sine is not periodic,  
rather exponential), again I ask why does Mathematica not make  
this mistake for 44 or 42 but for 43?