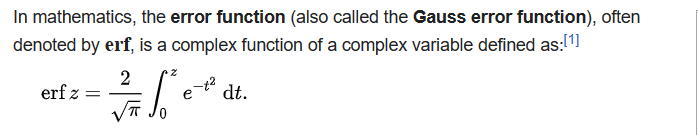
error function

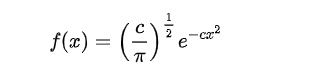
Def

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PDF

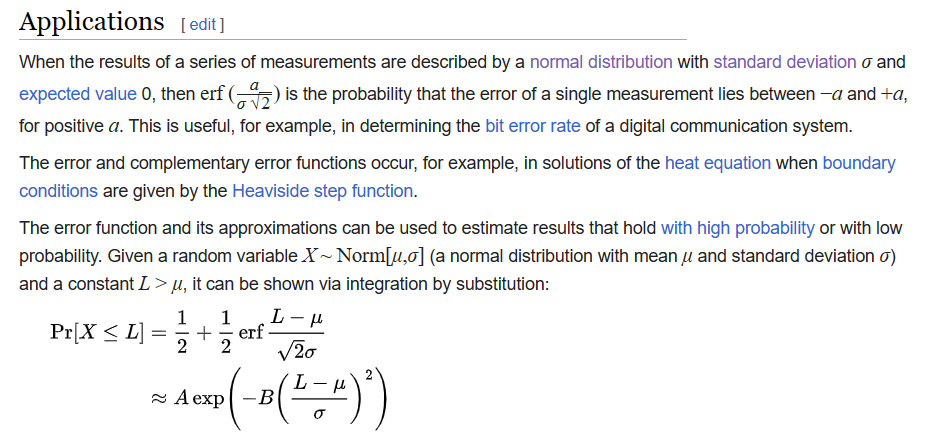
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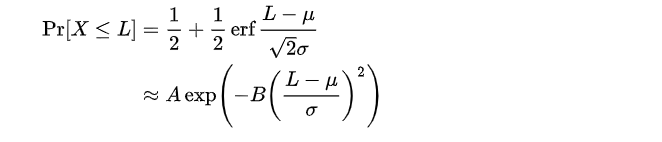


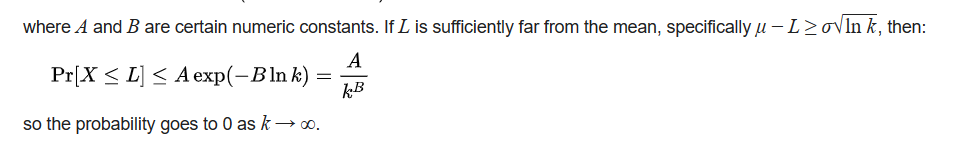
Probability of error

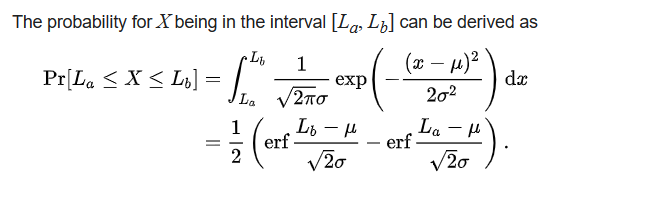
Glaisher calculates the probability of an error lying between and :

Application

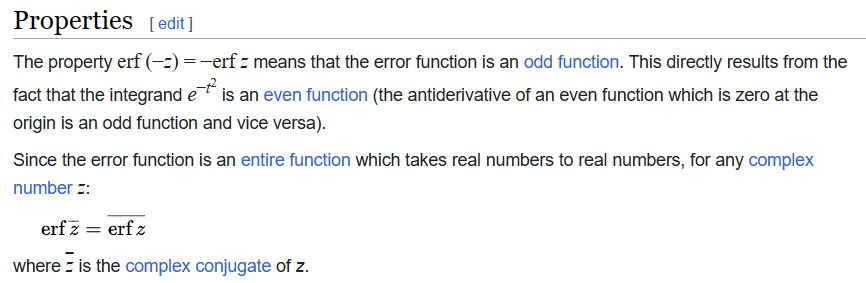








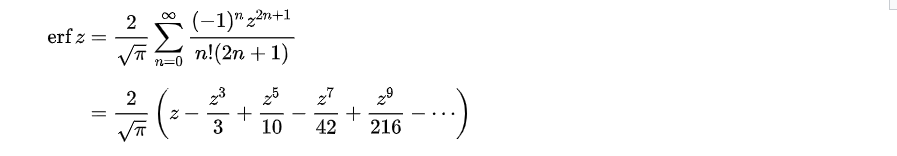
Property

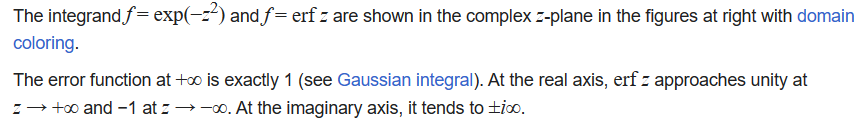


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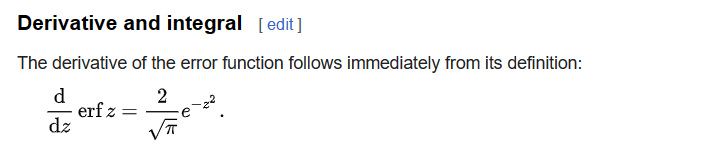
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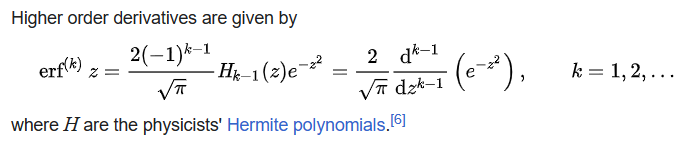
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= , for all =



Factorial series

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Integral of error function with Gaussain density function

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for all belongs to real number.

Ref

[Error function - Wikipedia](https://en.wikipedia.org/wiki/Error_function)