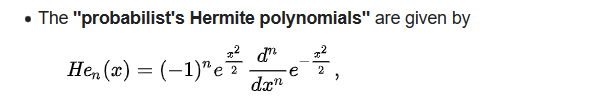
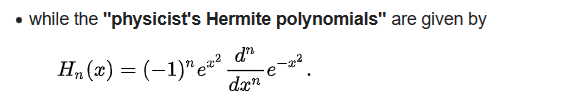
Hermite polynomials

Def

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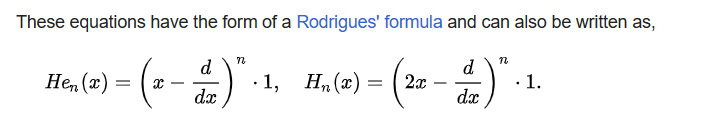


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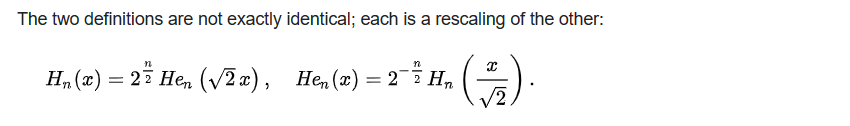
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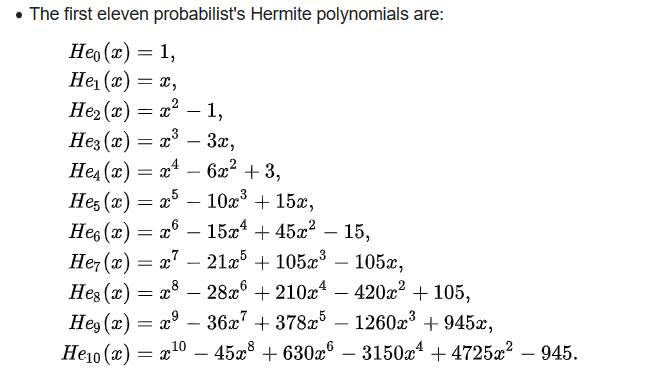
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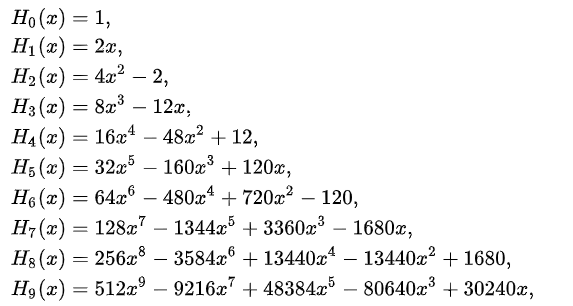
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Value

For 0th to 10th element, the hermite polynomials in probability and it in physicals







Bürmann series

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=

If one chooose = = the result will approximate to

=

Inverse functions

With Maclaurin series,

=

where

=

and

=

for all and is an integer.

For more details, see Wiki given in Ref section.

Ref

[Hermite polynomials - Wikipedia](https://en.wikipedia.org/wiki/Hermite_polynomials)