## Taylor Series

## https://github.com/Nazgand/nazgandMathBook

Mark Andrew Gerads: Nazgand@Gmail.Com

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## Abstract

The goal of this paper is to review Taylor Series.

When the series converges,

$$f(x) = \sum_{k=0}^{\infty} \frac{(x-a)^k \left(\frac{\partial^k}{\partial z^k} f(z) : z \to a\right)}{k!}$$

$$(0.1)$$