Taylor Series April 23, 2021

1 | Talyor Series def

A Taylor series is a (possibly infinite) polynomial that approximates a function around a neighborhood (often, 0).

The function has to be differentiable as many times as there are terms in the approximation. If the function is differentiable forever, then you can compute the value exactly using an infinite sum.

Exr0n · 2020-2021 Page 1 of 1