**Harold’s Taylor Series**

**Cheat Sheet**

12 November 2024

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| **Power Series** |  |
| **Power Series About Zero**  Geometric Series if |  |
| **Power Series** |  |

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| **Approximation Polynomial** |  |
| [https://upload.wikimedia.org/wikipedia/commons/thumb/e/e4/Sintay_SVG.svg/300px-Sintay_SVG.svg.png](https://en.wikipedia.org/wiki/Taylor_series) |  |

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| **Maclaurin Series** |  |
| **Maclaurin Series**  Taylor Series centered about |  |
| **Maclaurin Series Remainder** | where and |

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| **Taylor Series** |  |
| **Taylor Series**  Maclaurin Series if |  |
| **Taylor Series Remainder** | where and |
| **Key Maclaurin Series** | **Expanded Form** |
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See [Harold’s Infinite Series Cheat Sheet](https://www.toomey.org/tutor/calculus.html).