
Integrate Documentation

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This is a small library that does basic Newton-Cotes and Monte Carlo integration

`integrate.newton_cotes.simpson.evaluate(bounds, func)`
Evaluates simpsons rules on an array of values and a function pointer.

$$\int_a^b = \sum_i \dots$$

Parameters

- **bounds** (*array_like*) – An array with a dimension of two that contains the starting and ending points for the integrand.
- **func** (*function*) – A function being evaluted in this integral

Returns **integral** – The integral of function (func) between the bounds

Return type float

CHAPTER 1

Indices and tables

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