MolSSIExample Documentation

molssiexample

Aug 13, 2019

Contents:

This is an introduction to my package.

This is sigma: σ_1

CHAPTER 1

Getting Started

This page details how to get started with MolSSIExample.

CHAPTER 2

API Documentation

molssiexample.canvas([with_attribution])	Placeholder function to show example docstring (NumPy format)

2.1 molssiexample.canvas

molssiexample.**canvas**(*with_attribution=True*)

Placeholder function to show example docstring (NumPy format)

Replace this function and doc string for your own project

Parameters **with_attribution** (*bool, Optional, default: True*) – Set whether or not to display who the quote is from

Returns **quote** – Compiled string including quote and optional attribution

Return type str

2.2 Math function documentation:

molssiexample.math.euler([n])	This function computes e via a Taylor series.
molssiexample.math.pi(n, float] = 10000.0)	

2.2.1 molssiexample.math.euler

molssiexample.math.**euler**(*n=10*)

This function computes e via a Taylor series.

$$e = 1 + \sum_{n}^{\infty} \frac{1}{n!}$$

Parameters **n** (*int*) – The order of the Taylor expansion.

Returns **e_value** – The computed value of Euler's number.

Return type float

2.2.2 molssiexample.math.pi

`molssiexample.math.`**`pi`**(*n: Union[int, float] = 10000.0*) → float

CHAPTER 3

Math API Documentation

3.1 Math function documentation:

molssiexample.math.euler([n])	This function computes e via a Taylor series.
molssiexample.math.pi(n, float] = 10000.0)	

CHAPTER 4

Indices and tables

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