

Title : integtools

Type : Scilab toolbox

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Author : Manas Shamra <feedback@bragitoff.com>

Description : A toolbox for evaluating integrals(definite) of a function by various Numerical Methods.

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The module contains the following functions:

simpson2: This function returns the value of the definite integral of a function by Simpson's 3/8th Rule.

trapez: This function returns the value of the definite integral of a function by Trapezoidal Rule.

simpson: This function returns the value of the definite integral of a function by Simpson's 1/3rd Rule.

You can click on the functions to know more about them.

The module can be intalled from the ATOMS in Scilab.

<https://atoms.scilab.org/toolboxes/integtools>

HELP:

<http://www.bragitoff.com/2016/02/simpsons-38th-rule-integration-scilab-codeprogrammacro/>

<http://www.bragitoff.com/2016/02/trapezoidal-rule-integration-scilab-codeprogrammacro/>

<http://www.bragitoff.com/2016/02/simpsons-13rd-rule-integration-scilab-codeprogrammacro/>

HOW TO INSTALL A TOOLBOX??



Manas Sharma

I'm a physicist specializing in computational material science with a PhD in Physics from Friedrich-Schiller University Jena, Germany. I write efficient codes for simulating light-matter interactions at atomic scales. I like to develop Physics, DFT, and Machine Learning related apps and software from time to time. Can code in most of the popular languages. I like to share my knowledge in Physics and applications using this Blog and a YouTube channel.

manas.bragitoff.com/









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