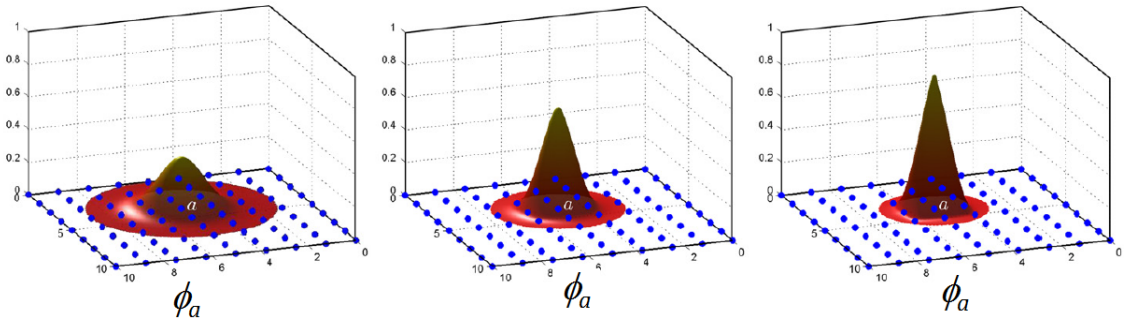

Free and open source Julia, MATLAB and C++ implementations of the 1D, 2D and 3D maximum-entropy basis functions.

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Running the code

Three separate codes are available: **maxent-julia** for the Julia implementation, **maxent-matlab** for the MATLAB implementation, and **maxent-cpp** for the C++ implementation.

maxent-julia: the program is controlled by the main.jl function. This is the only function that must be setup by the user. To execute the code, setup the problem parameters in main.jl (further instructions are given there) and run it. (Current version is compatible with Julia 1.0)

maxent-matlab: the program is controlled by the main.m function. This is the only function that must be setup by the user. To execute the code, setup the problem parameters in main.m (further instructions are given there) and run it.

maxent-cpp: the program is controlled by the main.cpp function. This is the only function that must be setup by the user. Setup the problem parameters in main.cpp (further instructions are given there). On the top directory of maxent-cpp create a folder named "bin". Open a terminal and, at the top directory of maxent-cpp, type make to build an executable named "maxent-cpp" that will appear in the folder "bin". Go inside the folder "bin" and execute "maxent-cpp" by typing ./maxent-cpp at the terminal.

More details are given in the manual that is provided with the source code.

License

Downloads

>> Latest stable version of **maxent-julia** (8-DEC-2018): **maxent-julia v1.1** (compatible with **Julia 1.0**)

Download: maxent-julia source code (zip) | maxent-julia source code (tar.gz)

Browse the source code of maxent-julia on GitHub

>> Latest stable version of **maxent-matlab** (14-OCT-2018): **maxent-matlab v3.5**

Download: maxent-matlab source code (zip) | maxent-matlab source code (tar.gz)

Browse the source code of maxent-matlab on GitHub

>> Latest stable version of **maxent-cpp** (24-OCT-2018): **maxent-cpp v1.0**

Download: maxent-cpp source code (zip) | maxent-cpp source code (tar.gz)

Browse the source code of maxent-cpp on GitHub

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Counter stats since 15 OCT 2018