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I am a researcher in mathematics and machine learning in London, and am writing about your awesome Cephes library, whom I found at the heart of Scipy.

It is so useful that, with your permission, I would like to wrap it for Lua and Torch (a machine learning overlay to Lua, specialized in neural nets, see http://www.torch.ch). I would like to distribute it as a package for Torch, including your source code along the wrapping code. This would be a public package, distributed under BSD License. I have put a first draft on github: https://github.com/jucor/torch-cephes

Hence my three questions, please:

1/ How would you like to be acknowledged, beyond the comments that are already in your code? Do you have any standard header/disclaimer that I could add to the documentation?

2/ At the moment, your code is left untouched. However, if I ever need to modify bits of the code, what are the conditions/restrictions? Nothing huge -- I definitely do not want to mess with it: I was planning to use the natural completion of some functions on the completed real line (e.g. CDF returning 1 when called with “infinity”, or quantiles returning -Infinity when called with 0), either natively if supported, or by setting a specific flag via mtherr().

3/ I am currently using the source from Netlib. Do you recommend using the source from your website instead ?

Thank you very much for your attention, and, more importantly, for the time and effort your pourred into Cephes.

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Julien Cornebise, Ph.D. London, UK http://www.cornebise.com/julien ----BEGIN PGP SIGNATURE-----
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