

***Interactive comment on “Understanding mixing efficiency in the oceans: do the nonlinearities of the equation of state for seawater matter?” by R. Tailleux***

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Re > I hope that this contributes to clarify things.

Energy conversions are inherently non-unique. So even if some parts of the community have standardized the notation by some convention or other, the reader still needs the explicit mathematical formulae. This is just a case of Littlewood's "explicitness principle" summarized at [www.atm.damtp.cam.ac.uk/people/mem/lucidity-in-brief](http://www.atm.damtp.cam.ac.uk/people/mem/lucidity-in-brief)

Assuming I can download Tailleux (2008), I'll now provide a full review as soon as I can find time.

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Interactive comment on Ocean Sci. Discuss., 6, 371, 2009.

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