

Interactive comment on “The Parallelized Large-Eddy Simulation Model (PALM) version 4.0 for atmospheric and oceanic flows: model formulation, recent developments, and future perspectives” by B. Maronga et al.

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Dear authors,

I guess on the left side of equation (17) the $-\frac{\partial}{\partial x_j}$ has to be deleted, according to the gradient transport theory, so that the equation is:

$$\overline{w_j'' \left(e + \frac{p''}{\rho_0} \right)} = -2K_m \frac{\partial e}{\partial x_j}$$

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Best,

Jens Fricke

Interactive comment on Geosci. Model Dev. Discuss., 8, 1539, 2015.

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