PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY A MATHEMATICAL, PHYSICAL & ENGINEERING SCIENCES

# Erratum: Non-Convecting Solar Ponds

The Royal Society

*Phil. Trans. R. Soc. Lond. A* 1983 **308**, 669
doi: 10.1098/rsta.1983.0019

# ERRATUM

*Phil. Trans. R. Soc. Lond.* A **295**, 423–433 (1980)

## Non-convecting solar ponds

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Because of the definition of $v$ in the Froude number (equation (4)) as flow *per unit width* ($m^2/s$) there should be no $d$ term in the Reynolds number nor in the expression for $U$ (equation (5)). This reduces the expression for the depth $d$ of the flowing layer to

$$d^2 = \frac{LU}{\rho c \Delta T}\left[\frac{2\rho}{g\,\partial\rho/\partial z}\right]^{\frac{1}{2}} \quad (\text{not } d^3).$$

For a realistic value of $U = 40\ W/m^2$, the values of $d \approx 0.12$ m and *velocity* (not $v$) $\approx 0.11$ m/s are correct as given.