## CORRIGENDA

Bénard convection in binary mixtures with Soret effects and solidification

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The theoretical values for  $R_c^{(0)}$  shown in figure 9(a) are incorrect owing to the introduction during plotting of an erroneous scale factor. The proper values of  $R_c^{(0)}$  increase with A; see figure C1, symbols  $\bigcirc$ .

Based on the lack of agreement with the data, a more elaborate stability theory has been put forward. The Soret mass flux j of (2.7) has the separation coefficient  $\psi = (\alpha'/\alpha) S_0 C(1-C)$  taken to be constant by setting  $C = C_0$ . In reality  $\psi$  varies as shown in figure C2. When the full concentration variations are allowed and the linear stability analysis is redone,  $R_c^{(0)}$  varies with A as shown by symbols  $\diamondsuit$  in figure C1. The modified results show reasonable agreement with the data. Details of the new stability analysis and the discussion of the results will be presented elsewhere. The period of oscillation is correctly given in figure 9(b).

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FIGURE C1. Rayleigh number versus  $A: \blacksquare$ , experimental values;  $\bigcirc$ , revised theoretical values;  $\diamondsuit$ , theoretical values calculated with more elaborate theory.



FIGURE C2. Separation coefficient versus C.

Flow around an unsteady thin wing close to curved ground Journal of Fluid Mechanics, vol. 226 (1991), pp. 175–187

The Editor has been informed that the authors of this paper are:

QIAN-XI WANG, LI-XIAN ZHUANG and BING-GANG TONG and not, as printed, QIAN-XI WANG alone.