

E R R A T A

Errata for "Freezing of Water-Saturated Porous Media in the Presence of Natural Convection: Experiments and Analysis," by S. Chellaiah and R. Viskanta, published in the May 1989 issue of the ASME JOURNAL OF HEAT TRANSFER, Vol. 111, pp. 425-432.

Table 1 referred to on p. 427 should be added to the paper.

The following corrections should be made in equation (8):

$$\overline{\rho c} = [\phi \rho_1 c_1 + (1 - \phi) \rho_s c_s] + (1 - \phi) \rho_p c_p \quad (8)$$

$$\overline{\rho c} = \phi [\gamma \rho_1 c_1 + (1 - \gamma) \rho_s c_s] + (1 - \phi) \rho_p c_p \quad (8)$$

and in equation (9):

$$K = \frac{d^2 \phi^3}{175(1 - d)^2} \quad (9)$$

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Table 1 Summary of experimental conditions, A = 0.75

Exp.No.	d(mm)	T _b (°C)	T _c (°C)	φ	K×10 ⁹ (m ²)	S	Ste	Ra'
1	12.5	6.1	-6.2	0.412	180.6	0.077	0.04	441.0
2	12.5	12.4	-15.8	0.412	180.6	0.157	0.110	1691.1
3	12.5	18.1	-10.3	0.412	180.6	0.230	0.066	3462.6
4	6.0	6.6	-7.2	0.396	35.0	0.084	0.046	99.2
5	6.0	12.5	-13.4	0.396	35.0	0.159	0.085	332.7
6	6.0	18.5	-11.9	0.396	35.0	0.235	0.076	699.4
7	2.85	6.3	-6.9	0.377	6.4	0.080	0.044	16.6
8	2.85	12.9	-13.9	0.377	6.4	0.164	0.089	64.6
9	2.85	17.9	-13.8	0.377	6.4	0.227	0.088	120.2
10	2.85	0.2	-7.1	0.377	6.4	0.000	0.045	0.0