
ERRATA

**Erratum: Aging of porous media following fluid invasion, freezing, and thawing
[Phys. Rev. E 55, R6348 (1997)]**

E. Salmon, M. Ausloos, and N. Vandewalle

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An unfortunate misprint can be found in this paper. Contrary to what is stated in the third paragraph, “the water density increases under freezing,” it is of course the water volume that expands when the temperature decreases below 4 °C. The water volume presents a minimum near 4 °C. Below 4 °C the water molecules in the liquid align themselves into the crystal structure of ice, requiring the water molecules to widen the angle between the oxygen–hydrogen single bonds from the usual 104.5 °C. When this happens the water molecules take up more space, and hence there is volume expansion. A recent review on freezing in pores and confined systems can be found in Ref. [1].

In this paper [2] and our reported simulation works [3,4] the correct volume vs temperature relationship was taken into account for describing the pore size evolution. There is no modification to be made in the data or conclusions.

We thank A. Erzan for pointing out such a misprint.

[1] L. D. Gelb, K. E. Gubbins, R. Radhakrishnan, and M. Sliwinska-Batowiak, *Rep. Prog. Phys.* **63**, 1573 (1999).

[2] E. Salmon, M. Ausloos, and N. Vandewalle, *Phys. Rev. E* **55**, R6348 (1997).

[3] F. de Barquin, J. Elsen, E. Salmon, M. Ausloos, A. Deckmyn, and C. Maes (unpublished).

[4] M. Ausloos, E. Salmon, and N. Vandewalle, *Cem. Concr. Res.* **29**, 209 (1999).