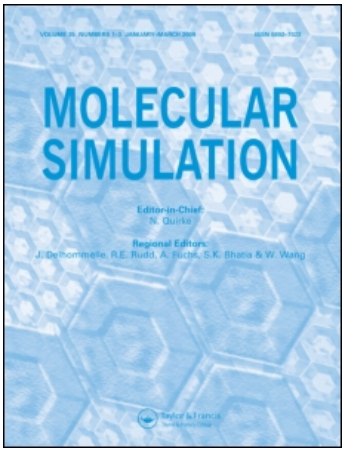

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Corrigendum

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Corrigendum

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In the paper entitled *Cell size dependence of orientational order of uniaxial liquid crystals in flat slit*, Molecular Simulation 34 (8), (July 2008), pp. 761–773, we reported the ordered state of the Gay–Berne (GB) ellipsoids as the nematic liquid crystals in the flat nanoslit. We have since discovered errors in the calculations of the two-dimensional self-diffusion coefficients (2DSDCs), D_{2D}, from the two-dimensional mean square displacements (2DMSDs).

In this erratum, the 2DSDCs are corrected in Table 1, where N is the number of particles and T is the temperature. For $(N, T) = (100{,}000, 1.00)$, the 2DSDC is recalculated from the 2DMSD using the least-squares method. For the other conditions, the 2DSDCs are corrected to be double their original values.

Because the 2DSDCs at $T = 1.00$ are even smaller by one digit than the ones at the temperature of 1.05 or greater, we consider that the conclusion reported in the original paper is not affected; the GB ellipsoids are in the solid phase at $T = 1.00$, while they possess a fluidity at $T \geq 1.05$.

Table 1. Two-dimensional self-diffusion coefficient, D_{2D}.

T	N	D_{2D}
1.20	1000	0.1118
	9000	0.1078
	16,000	0.1110
	64,000	0.1126
	100,000	0.1130
	169,000	0.1132
1.15	1000	0.1066
	9000	0.1002
	16,000	0.1042
	64,000	0.1048
	100,000	0.1054
	169,000	0.1054
1.10	1000	0.0918
	9000	0.0930
	16,000	0.0932
	64,000	0.0930
	100,000	0.0940
	169,000	0.0958
1.05	1000	0.0732
	9000	0.0830
	16,000	0.0814
	64,000	0.0822
	100,000	0.0842
1.00	1000	0.0052
	9000	0.0010
	16,000	0.0032
	64,000	0.0018
	100,000	0.0015

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