

Corrigendum to “Molecular dynamics study incorporating regression analysis: Quantitative effects of sinusoidal protrusions and wettability on water phase transition containing insoluble gases”

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CORRIGENDUM

Corrigendum to "Molecular dynamics study incorporating regression analysis: Quantitative effects of sinusoidal protrusions and wettability on water phase transition containing insoluble gases"

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In *Chin. Phys. B* **34** 114704 (2025), Eq. (7) and the associated unit notation were incorrect. The correct ones are present here. Since Eq. (7) is an in-built expression in the simulation package, the correction is purely typographical and does not affect the simulation procedure, numerical results, or the conclusions.

Keywords: molecular dynamics, boiling, heat flux, insoluble gas

PACS: 99.10.–x, 47.55.dp, 44.20.+b, 44.90.+c, 83.10.Mj

DOI: 10.1088/1674-1056/ae3235 **CSTR:** 32038.14.CPB.ae3235

In Ref. [1], Eq. (7) and the sentence immediately following it should read as follows:

$$F = -Kr, \tag{7}$$

where $K = 52$ N/m is the elastic constant. Since Eq. (7) is an in-built expression in the simulation package, this correction does not affect the simulation results.

References

[1] Li B H, Gao Y J, Yu M, Wu L F, Ma L X and Tang Y Z 2025 *Chin. Phys. B* **34** 114704

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