



Cite this: *Soft Matter*, 2025,
21, 1025

DOI: 10.1039/d4sm90200a

rsc.li/soft-matter-journal

Correction: The peak viscosity of decaying foam with natural drainage and coarsening

Wei Yu^{*a} and Jack H. Y. Lo^{*ab}

Correction for 'The peak viscosity of decaying foam with natural drainage and coarsening' by Wei Yu and Jack H. Y. Lo, *Soft Matter*, 2024, **20**, 4964–4971, <https://doi.org/10.1039/D4SM00498A>.

The authors regret an error in Table 2 in the original manuscript. The correct version of Table 2 is as shown below.

In Table 2, the Henry's law constant, H_e , for CO_2 was incorrectly presented with an order of magnitude 10^{-6} . The correct order of magnitude is 10^{-4} .

Table 2 Henry's law constant H_e , diffusion coefficient in water D , and the calculated effective diffusion coefficient D_{eff} for SF_6 , N_2 , CO_2 and $\text{CO}_2\text{--N}_2$ mixtures

Gas	$H_e^{36,37}$ ($\text{mol m}^{-3} \text{ Pa}^{-1}$)	$D^{38,39}$ ($\text{m}^2 \text{ s}^{-1}$)	$D_{\text{eff}} = kDH_e$ ($\text{m}^2 \text{ s}^{-1}$)
SF_6	2.4×10^{-6}	9.8×10^{-10}	0.17×10^{-10}
N_2	6.4×10^{-6}	19×10^{-10}	0.96×10^{-10}
CO_2	3.4×10^{-4}	18×10^{-10}	44×10^{-10}
80% N_2 , 20% CO_2	7.3×10^{-5}	19×10^{-10}	9.4×10^{-10}

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

^a Center for Integrative Petroleum Research (CIPR), College of Petroleum Engineering and Geosciences, King Fahd University of Petroleum and Minerals, Dhahran 31261, Saudi Arabia. E-mail: wei.yu@kfupm.edu.sa

^b Division of Physical Sciences and Engineering, King Abdullah University of Science and Technology (KAUST), Thuwal 23955-6900, Saudi Arabia. E-mail: hauyung.lo@kaust.edu.sa

