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Errata for: "Simulation of Time-lag Permeation Experiments Using Finite Differences"

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Abstract– *In the paper "Simulation of Time-lag Permeation Experiments Using Finite Differences" published in Volume 2 (2015), the graph of Figure 12 was used as well for Figure 11 and, as a result, Figure 11 needs to be replaced with the correct figure.*

Keywords: Membrane characterization, finite differences, time lag, upstream pressure decay, variable mesh scheme

In our original paper [1], Figure 11 published on page 24, needs to be replaced with Figure 1 below. The caption remains unchanged. Figure 12 was inadvertently used twice in the paper. The authors apologize for any inconvenience caused by this error in the original article.

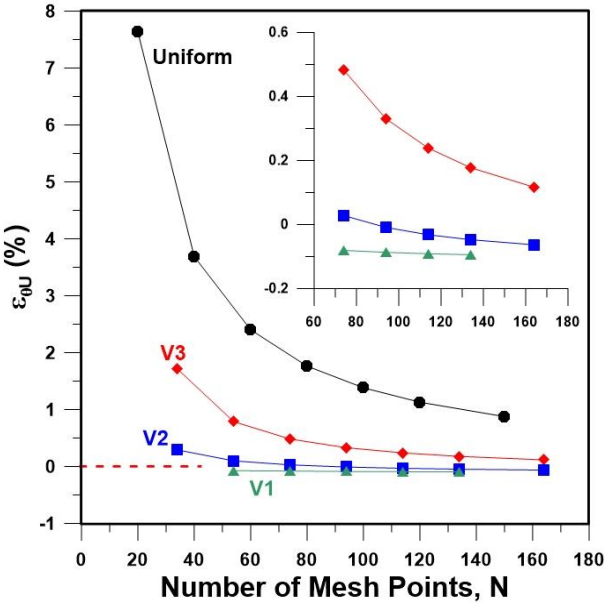

Figure 1. Upstream time lag prediction error ($\varepsilon(\theta_u)$) versus the number of mesh points (N) with an integration time step of 0.00001 s for uniform and variable mesh (with different factors) schemes. Time lag was evaluated at 190 s.

References

[1] H. Wu, N. Al-Qasas, B. Kruczek, J. Thibault, Simulation of Time-Lag Permeation Experiments Using Finite Differences, *J. Fluid Flow, Heat Mass Transf*. vol. 2, pp. 1–17, 2015. doi:10.11159/jffhmt.2015.003.

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