



Corrigendum

Article Title: Study on Unstructured Mesh–Based Monte Carlo/Deterministic Coupled Particle Transport Calculation Method

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The authors would like to address the following errors in the original publication:

Correction 1

Location: Table III and Table VII

Issue: In cases S1–S4, the model used for forward calculation was incorrectly labeled as “SM.”

Correction: The correct model for forward calculation in cases S1–S4 is “CSG.”

Correction 2

Location: Table VI

Issue: The proportion of deterministic calculation time for case U1 was incorrectly reported as “22.51,” which was a duplicate of the value for case U5.

Correction: The correct value for case U1 is “1.26.”

Correction 3

Location: Section III.B, Paragraph 3

Issue: The description of results was not updated in accordance with revised data.

Original Text: “Specifically, the FOM in case U2 surpasses that of other cases, standing at 264 to 2260 times greater than the analog MC based on the CSG model (case A1) and 3.5 to 44 times higher than the traditional CADIS method (case S2).”

Corrected Text: “Specifically, the FOM in case U2 surpasses that of other cases, standing at 129 to 1106 times greater than the analog MC based on the CSG model (case A1) and 3.5 to 44 times higher than the traditional CADIS method (case S4).”

Correction 4

Location: Fig. 8(a), Table II, and Fig. 15(a)

Issue: The unit of neutron flux was incorrectly given as “ $\text{cm}^{-3}\cdot\text{s}^{-1}$.”

Correction: The correct unit is “ $\text{cm}^{-2}\cdot\text{s}^{-1}$.”

The authors apologize for these errors and any confusion they may have caused.

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