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Experimental determination of the axial dispersion coefficients in the hybrid fluidized bed airlift apparatus

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Abstrakt: This paper presents the results of experimental research concerning determination of Peclet number for selected zones of a hybrid fluidized-bed airlift apparatus with external liquid circulation. For this aim, the tracer stimulus-response experiments were carried out. Peclet number was then determined using the method of moments and optimization algorithm coupled with the one-dimensional dispersion model.

Attachments:

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