

Kececi, S., Wörner, M., Onea, A., Soyhan, H.S.

Recirculation time and liquid slug mass transfer in co-current upward and downward Taylor flow
Catalysis Today 147S (2009) S125-S131

Correction:

Eq. (12) in the manuscript contains an error. The correct equation is:

$$V_{Po}^{rec}(y, z) = \frac{48}{\pi^3} J \frac{\sum_{n=1,3,5}^{\infty} \frac{(-1)^{\frac{n-1}{2}}}{n^3} \left[1 - \frac{\cosh\left(\frac{n\pi}{2a} y\right)}{\cosh\left(\frac{n\pi b}{2a}\right)} \right] \cos\left(\frac{n\pi}{2a} z\right)}{1 - \frac{192a}{\pi^5 b} \sum_{n=1,3,5}^{\infty} \frac{1}{n^5} \tanh\left(\frac{n\pi b}{2a}\right)} - U_B$$

Thus, the prefactor 64 must be replaced by 48.

The results of the paper are not affected by this typographical error.