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Investigation of scalar measurement error in diffusion and mixing processes

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Due to an unfortunate error some of the corrections marked in the proof have not been carried out accurately. We regret this and herewith publish the correct information.

Equation (11) should read

$$\Re(x) = \mathcal{L}^{-1} \left[\frac{b_m s^m + b_{m-1} s^{m-1} + \dots + b_0}{a_n s^n + a_{n-1} s^{n-1} + \dots + a_0} \right], \quad (11)$$

where $\mathcal{L}^{-1}$ is the inverse Laplace transform.

Equation (32)

$$\begin{aligned} \phi_m(x) &= \phi_a(x) \otimes \Re(x) = \int_{-\infty}^{\infty} \phi_a(x - x') \Re(x') dx' \\ &= \int_{-\infty}^{\infty} \phi_a(x') \Re(x - x') dx'. \end{aligned} \quad (32)$$

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00348-005-0030-8>

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