LETTERS TO THE EDITOR

CORRECTION OF AN ERROR IN THE ARTICLE "A METHOD FOR THE SOLUTION OF DIFFUSION EQUATIONS" (JOURNAL OF ENGINEERING PHYSICS, VOL. 12, NO. 2, 1967)

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In my article "A Method for the Solution of Diffusion Equations" (Journal of Engineering Physics, Vol. 12, No. 2, 1967) the following error has been noted: the second term in the left-hand member of Eq. (7) should carry a + sign, which in the final analysis reduces to the fact that in the formulas for r_2 and ν_2 (p. 238) we erroneously include terms containing expressions with $(\mu - 1)$ to the first power.

For precisely this reason, in the article "Certain Asymptotic Solutions of the Diffusion Equation" (Journal of Engineering Physics, Vol. 14, No. 1, 1968), a continuation of the above-cited article, formulas (1), (11) (the expression for ν^{**}), (16), (17), as well as the asymptotic expression for dR^{**}/dt should have no terms containing Ko^2 $(s - 1)$. In the asymptotic relationship for R^{**} (p. 112) $F > 0$.

It should be pointed out that this is the only error, i.e., that the second term in the left-hand member of Eq. (7) should have a + sign, which even partially affects the above-cited relationships, but that it in no way has any bearing on the fundamental mathematical and physical conclusions, and these remain completely valid.

I would like to express my sincere thanks to Yu. S. Kurgin, who drew my attention to this error.

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