



Soviet-era science, translated into English

Corrections

1966

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Abstract

Full Text

Corrections

In my article (L. I. Rubinshtein, “On the initial direction of the crystallization process when a plate is immersed in a melt”), published in *DAN*, vol. 168, no. 5, 1966, in equation (12) on p. 1036, instead of the factor $1 + \delta_1$ there should stand the factor $(1 + \delta_1)/2$. This entails the incompatibility of conditions (14) and $F > v$. Thus the conclusion about the possible compatibility of paths A and C, drawn at the end of the article, proves to be incorrect. On the contrary, the initial data of the problem determine the initial direction of the process uniquely, provided that the limiting value of $u(1, t)$ as $t \rightarrow 0$ is different from v . If, however, it is equal to v , then an additional investigation is necessary in order to decide the question.

In the article by B. V. Egorov, V. N. Zhmulev, and V. M. Kuznetsov, “On the equations of aerodynamics in the presence of binary molecular processes,” published in *DAN*, vol. 164, no. 6, 1965, the following corrections must be made: on p. 1252 formula (13) should read

$$\lambda_k = nDc_v(T_i) \left[1 - \frac{1}{\tau^2} \left(\frac{\alpha}{\nu} \right)^2 \frac{kT}{m} \right]^{-1},$$

in Fig. 2, the printed T'_k should read T_i .

In my article (V. A. Shurygin, “On nontrivial constructive mappings of certain sets”), published in *DAN*, vol. 168, no. 1, 1966, in the formulation of Corollary 2 I made an inaccuracy: instead of the words “not being a maximal element” there should be “being a minimal element,”

V. A. Shurygin

Note: Figure translations are in progress. See original paper for figures.

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