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Soviet-era science, translated into English

# Corrections

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1966

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**Abstract**

**Full Text**

**Corrections**

In my article (L. I. Rubinshtein, “On the initial direction of the process of crystallization upon immersion of a plate 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  $C$ , made at the end of the article, proves to be incorrect. On the contrary, the input data of the problem determine the initial direction of the process uniquely, provided that the limiting value as  $t \rightarrow 0$  of  $u(1, t)$  is different from  $v$ . If, however, it is equal to  $v$ , then an additional investigation is necessary in order to resolve the question.

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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,  $T'_k$  is printed; it 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 allowed an inaccuracy: instead of the words “not being a maximal element” it should be “being a minimal element,”

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

*Source: Math-Net.Ru and CyberLeninka. Machine translation. Verify with the original.*