

In my article (S. Ya. Yakubov, “Nonlocal Solvability of Boundary-Value Problems for Quasilinear Partial Differential Equations of Hyperbolic Type”), published in DAN, vol. 176, No. 2, 1967, the following corrections should be made to errors introduced through the author’ s fault:

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Abstract

Full Text

LETTER TO THE EDITOR

In my article (S. Ya. Yakubov, “Nonlocal Solvability of Boundary-Value Problems for Quasilinear Partial Differential Equations of Hyperbolic Type”), published in DAN, vol. 176, No. 2, 1967, the following corrections should be made to errors introduced through the author’ s fault:

1. In the positivity condition for the form following formula (2), the factor $(-1)^m$ has been omitted.
2. In the author’ s notation $c(t, x, 0)$, m should be replaced by $m - 1$.
3. In condition 4° of Theorem 2, W_2^m should be replaced by W_2^{2m} .
4. The function $\Phi(r)$ in Theorems 2 and 3 must be real-valued.
5. The author can assert the validity of Theorem 3 only for $q = m(n - 2m)^{-1}$.
6. Instead of the phrase “As is easy to see, . . .” on p. 282, the following should be inserted: “The results of our work (3) make it possible to obtain for (9) a local existence theorem for the mixed problem or the Cauchy problem for any $p \geq 0$. As for the nonlocal theory, no new results are obtained.”

S. Ya. Yakubov

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

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