M. A. Rosenblat. Condition for the excitation of self-oscillations in nonlinear d.c. circuits . . . 1375

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Abstract

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CORRECTION

In my article (B. D. Romm, "On completely reducible representations of a semisimple Lie algebra"), published in DAN, vol. 175, no. 2, 1967, in Theorems 1 and 2, instead of the representation $a \to X(a)$, the representation $a \to \widetilde{X}(a)$ should be considered, and instead of the operator G, the operator $\widetilde{G}$. The proofs of Theorems 3-5 and of the corollary to Theorem 4 are incorrect.

B. D. Romm

LETTER TO THE EDITOR

In my article (S. Ya. Yakubov, "Nonlocal solvability of boundary-value problems for quasilinear differential equations in partial derivatives 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 of the form following formula (2), the factor $(-1)^m$ was 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 $\Phi(r)$ from Theorems 2 and 3 must be real-valued.
5. The validity of Theorem 3 can be asserted by the author 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 $p > 0$. As for the nonlocal theory, no new results are obtained."

S. Ya. Yakubov

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