



---

Soviet-era science, translated into English

# Corrections

—

1957

SovietRxiv

---

View the original and related papers at <https://sovietrxiv.org/items/ru-195701.60965>

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

**Abstract**

**Full Text**

**Corrections**

In the article by Yu. M. Berezanskii, “Generalization of Bochner’s theorem to expansions in eigenfunctions of partial differential equations,” published in *DAN*, vol. 110, no. 6, 1956, after formula (1) one should read: with complex-valued coefficients;  $L'$  will denote the expression conjugate to  $L$ , and  $\bar{L}$  the expression obtained from  $L$  by replacing the coefficients with their complex conjugates. In the case of ordinary derivatives we shall assume that the coefficients  $a_{k_1}(x)$  are  $2 + k_1$  times continuously differentiable; in the case of partial derivatives, that  $a_{k_1, \dots, k_n}(x)$  are  $2n + r + k_1 + \dots + k_n$  times continuously differentiable, and that  $L$ , together with the expression  $\mathcal{L}'[F] = L_x[F] + \bar{L}_y[F]$  ( $F = F(x, y)$ ), is elliptic\*.

---

In the article by N. P. Movchan, “The influence of anelectrotonus on inhibited positive conditioned reflexes,” published in *DAN*, vol. 112, no. 6, 1957:

	Printed	Should read
In the title of the article (p. 1149), in the table of contents (p. 979), and in the heading of Table 3 (p. 1151)	anelectron	anelectrotonus
In Table 2, column 3, line 3, experiment 28	24	14

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

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