LETTERS TO THE EDITOR

CORRECTION OF AN ABSTRACT

L. Timofeev*

In the information concerning the 14th Conference of the Lithuanian Mathematical Society (Liet. Matem. Rink., 14, No. 2 (1974)) there are several errors in the abstract of L. Timofeev's report entitled "The problem of the mean optimal method of searching for an extremum." The formulas defining $\sigma_k^2(x)$, l , and $\pi(z)$ should read as follows:

$$\sigma_k^2(x) = M \left\{ \left(f(x) - m_k(x) \right)^2 \mid z_k \right\},$$

$$l = \arg \max_{2 \leq l \leq k} \left\{ \max_{x_{l-1}^k \leq x \leq x_l^k} \sigma_k(x) \cdot \int_{-\infty}^{\frac{f(x_{0k}) - m_k(x)}{\sigma_k(x)}} \pi(z) dz \right\},$$

$$\pi(z) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^z e^{-\frac{y^2}{2}} dy.$$

*Vilnius, September 12, 1975.

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