

Correction to Ali Bleybel, “The Field of LE-Series with a Nonstandard Analytic Structure,” *Notre Dame Journal of Formal Logic*, vol. 52, no. 3 (2011), pp. 255–265.

The original version of this article contains an error in the third paragraph of page 263. Namely, in the proof of Lemma 8.4, we tried to show that, for a piece A_i (of the partition of the definable set A in $\mathcal{L}(\text{exp})$ -definable pieces A_i such that on each such A_i the functions h_1, \dots, h_l are given by terms), we have that $f(\bar{A}_i)$ is closed (and bounded). We used the equivalence between the fact that a set is closed and that every sequence of points in the set is convergent to an element in that set. But this fact is wrong for a non-first-countable topological space. Instead, we need to rephrase the argument as follows: Let $(x_\alpha)_{\alpha \in I}$ be a net in A_i (where I is some directed set) such that $\lim x_\alpha = b$, where $b \notin f(A_i)$ is a limit point of $f(A_i)$. Let \tilde{C} be the closure of $C = \{x_\alpha \mid \alpha \in I\}$. Since $b \notin f(A_i)$, $\tilde{C} \not\subseteq A_i$ by continuity of f . Then there exists a limit point a of C lying in $\text{Fr}(A_i)$, and $f(a)$ must coincide with b . So $b \in f(\text{Fr}(A_i)) \subset f(\bar{A}_i)$, and $f(\bar{A}_i)$ is closed, as required.