

Erratum to “Introduction to computability logic”

[G.Japaridze, Annals of Pure and Applied Logic 123 (2003), pp.1-99]

1. Page 29, Definition 11.1: “ $\mathbf{Wn}_e^{A(c)} = \top$ ” should be “ $\mathbf{Wn}_e^{A(c)} \langle \Gamma \rangle = \top$ ”.
2. Page 29, Proposition 11.2: “ $\mathbf{Wn}_e^{A(c)} = \perp$ ” should be “ $\mathbf{Wn}_e^{A(c)} \langle \Gamma \rangle = \perp$ ”.
3. Page 37, the rightmost window of the upper figure: “Window 010” should be “Window 1”.
4. Page 37, line 5 from bottom: “two conditions” should be “three conditions”.
5. Page 37, last line: Replace this line by the following:

(c) An infinite w is in T if (and only if) every finite u with $u \preceq w$ is in T .

If a branch w of T is finite, then it is also said to be a *node* of T . In view of clause (c), a tree is uniquely determined by the set of its nodes.
6. Page 39, lines 4-5: Replace these lines by the following:

! \mathcal{T} by defining $Tree_{\langle \lambda_1, \lambda_2, \lambda_3, \dots \rangle}^{\mathcal{T}}$ as the unique tree whose set of nodes is

$$Tree_{\langle \rangle}^{\mathcal{T}} \cup Tree_{\langle \lambda_1 \rangle}^{\mathcal{T}} \cup Tree_{\langle \lambda_1, \lambda_2 \rangle}^{\mathcal{T}} \cup Tree_{\langle \lambda_1, \lambda_2, \lambda_3 \rangle}^{\mathcal{T}} \cup \dots$$
7. Page 49, line 20: “ $\neg \wp_1 \alpha_1 \wp_1 \alpha_2 \dots \wp_1 \alpha_n$ ” should be “ $\neg \wp_1 \alpha_1 \wp_2 \alpha_2 \dots \wp_n \alpha_n$ ”.
8. Page 53, lines 18,19,20: “ s ” should be “ a ”.
9. Page 70, line 3 from bottom: “for every $A(x)$ and e , if $\mathcal{E} \models_e A(x)$, then $\mathcal{E}' \models_e \Box x A(x)$ ” should be “for every $A(x)$, if $\mathcal{E} \models A(x)$, then $\mathcal{E}' \models \Box x A(x)$ ”.
10. Page 71, lines 3-4: Delete “on e ” in both lines.
11. Page 86, line 20: “universal-base” should be “general-base”.
12. Page 91, line 14: “siver” should be “silver”.