

Corrigenda of “Forcing complexity: minimum sizes of forcing conditions”

Notre Dame Journal of Formal Logic vol. 42, Number 2, pp.117–120, 2001

Toshio Suzuki*

April 25, 2018

(1) Introduction, the second paragraph. After the passage

Further, we assume φ is *finitely testable* (Poizat [3]), that is, there exists a function $f : \mathbb{N} \rightarrow \mathbb{N}$ such that for every oracle A and every bit string u ,

we need the following revision.

wrong(p.118, lines 2 to 3)

$\varphi(A, u)$ holds if and only if $\varphi(B, u)$ holds, where B is the extension of $A \upharpoonright (\{0, 1\}^{\leq n})$ such that $B(u) = 0$ for all u such that $|u| > n$.

right

truth of $\varphi(A, u)$ depends only on $A \upharpoonright (\{0, 1\}^{\leq f(|u|)})$. In other words, if $B \upharpoonright (\{0, 1\}^{\leq f(|u|)}) = A \upharpoonright (\{0, 1\}^{\leq f(|u|)})$ then $\varphi(A, u) \leftrightarrow \varphi(B, u)$ holds.

(2) Reference, [3], title.

wrong $\mathcal{Q} = \mathcal{N}\mathcal{Q}$?

right $\mathcal{L} = \mathcal{N}\mathcal{L}$?

*Present affiliation: Department of Mathematical Sciences, Tokyo Metropolitan University, Hachioji, Tokyo 1920397, Japan. toshio-suzuki@tmu.ac.jp