Some definitions of finiteness: Corrigenda

J.L. Hickman

The statements of Lemma 3 and Lemma 4 in [1] are incorrect. They should read as follows.

LEMMA 3.

$$\forall x \left[\exists f \forall J \left\{ f \in P(x)^\omega \quad \& \quad In(f) \quad \& \quad \left(J \in S_\omega \to FN(Jf\#f) \right) \right\} \to {\sim}FS(x) \right] \ .$$

LEMMA 4.

$$\forall x \forall f \left\{ \exists J \left[f \in P(x)^\omega \quad \& \quad J \in S_\omega \quad \& \quad Jf\#f \simeq \omega \right] \to \exists n \left(f(n)\#f \simeq \omega \right) \right\} \ .$$

Reference

[1]   J.L. Hickman, "Some definitions of finiteness", *Bull. Austral. Math. Soc.* 5 (1971), 321-330.

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