Commentationes Mathematicae Universitatis Carolinae

Tomáš Jech

A correction to my paper: "Interdependence of weakened forms of axiom of choice"

Commentationes Mathematicae Universitatis Carolinae, Vol. 8 (1967), No. 3, 567

Persistent URL: `http://dml.cz/dmlcz/105133`

Commentationes Mathematicae Universitatis Carolinae
8,3 (1967)

A CORRECTION TO MY PAPER INTERDEPENDENCE OF WEAKENED FORMS OF THE AXIOM OF CHOICE (Comment.Math.Univ.Carolinae 7,3(1966), (1966),pp.359-371)

Tomáš JECH, Praha

In the definition of the generalized principle of dependent choices (PDC $\aleph_\alpha$) a few words are mistakenly missing (p.360).

The complete text of the definition runs as follows:

" Let a be a set and R a relation such that for every $\gamma \in \omega_\alpha$ and every $g \in a^\gamma$ (function of γ into a) there is $x \in a$ with $\langle g, x \rangle \in R$. Then there is a function $f \in a^{\omega_\alpha}$ with $\langle f \restriction \gamma, f(\gamma) \rangle \in R$ for every $\gamma \in \omega_\alpha$ " .

I apologize to the reader for this oversight.

DECOMPOSITION OF METRIC SPACE INTO NOWHERE DENSE SETS (this Journal 8,3,pp.387-404): A correction

Petr Štěpánek, Petr Vopěnka, Praha

When this issue of Comment.Math.Univ.Carolinae has been already prepeared to press, we have found that in our article there is a certain oversight. The proof of Proposition 3.10 needs that the fundamental system $\{ V_\xi , \xi \in \omega_\alpha \}$ of neighbourhoods of the diagonal in the uniformity τ is linearly ordered