**A. L. Dontchev** (`ald@ams.org`), Mathematical Reviews, Ann Arbor, MI 48107-8604, *An Inverse Function Theorem for Metrically Regular Mappings*

We prove that if a mapping $F : X \rightrightarrows Y$, where $X$ and $Y$ are Banach spaces, is metrically regular at $\bar{x}$ for $\bar{y}$ and its inverse $F^{-1}$ is convex and locally closed-valued around $(\bar{x}, \bar{y})$, then for any function $G : X \to Y$ with $\operatorname{lip} G(\bar{x}) \cdot \operatorname{reg} F(\bar{x} \,|\, \bar{y}) < 1$, the mapping $(F+G)^{-1}$ has a continuous local selection $x(\cdot)$ around $(\bar{x}, \bar{y} + G(\bar{x}))$ which is also calm.