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Piotr Minc* (mincpio@auburn.edu), Department of Mathematics and Statistics, 221 Parker Hall, Auburn University, Auburn, AL 36849-5310. *A monotonically irreducible map of a reducible continuum onto $[0, 1]$.*

We construct a continuum X which not irreducible, and which admits a monotone map f onto $[0, 1]$ such that f is monotonically irreducible in the following sense: For each closed proper subset D of X such that $f(D) = [0, 1]$, f restricted to D is not monotone. The example answers a question by L. Mohler and L. E. Ward. (Received August 03, 2009)