1056-54-408   **Su Gao** and **Vincent Kieftenbeld*** (`kieftenbeld@unt.edu`), University of North Texas, Department of Mathematics, 1155 Union Circle #311430, Denton, TX 76203–501. *Resolvable maps preserve complete metrizability.*

Let X be a Polish space, Y a separable metrizable space, and $f\colon X \to Y$ a continuous surjection. We prove that if the image under f of every open set or every closed set is resolvable, then Y is Polish. This generalizes similar results by Sierpiński, Vainštain, and Ostrovsky. (Received September 04, 2009)