1044-55-218   **Jan P Boronski*** (`boronjp@auburn.edu`), Department of Mathematics and Statistics, Auburn
University, Parker Hall 221, Auburn, AL 36849. *On the number of fixed points of orientation
reversing planar homeomorphisms.*

Let $h : \mathbb{R}^2 \to \mathbb{R}^2$ be an orientation reversing homeomorphism with a separating plane continuum X invariant, that is $h(X) = X$. Suppose X has at least n bounded complementary domains. K. Kuperberg showed that h must have at least $k + 2$ fixed points in X, whenever $n \geq 2^k$, and asked whether h must always have $n + 1$ fixed points in X. We present an affirmative answer to this question for a class of continua containing all locally connected continua (Received September 02, 2008)