Dennis K Burke* (burkedk@muohio.edu), Department of Mathematics, Miami University, Oxford, OH 45056, and Sheldon W Davis (Sheldon_Davis@uttyler.edu). Perfect images of spaces with a σ-weakly hereditarily closure preserving base.

We show that the perfect image of a space with a σ -weakly hereditarily closure preserving base need not have a σ -weakly hereditarily closure preserving base. Some positive results are also possible. (Received August 31, 2008)