

1015-28-24

J Day* (jerday@hotmail.com), University of Pittsburgh, Department of Mathematics, 301 Thackeray Hall, Pittsburgh, PA 15260, and **C Lennard**. *All Minimal Invariant Sets of Alspach's Map*.

In 1981, Dale Alspach introduced the baker transform as an example of a nonexpansive map on a weakly compact convex set that is fixed point free. The minimal invariant sets for this mapping have been of particular interest. A method for finding all minimal invariant sets of Alspach's Map will be presented. Then some examples of elements of these minimal invariant sets will be given, as well as some sets of functions disjoint from any minimal invariant set. (Received December 14, 2005)