

Meeting: 1006, Lubbock, Texas, SS 1A, Special Session on Topology of Continua

1006-54-239 **Nicholas S Ormes*** (normes@math.du.edu), 2360 S. Gaylord, Mathematics Department,
University of Denver, Denver, CO 80208, and **Richard N Ball** and **James N Hagler**. *Quotients
of Bing Spaces*. Preliminary report.

A Bing space is a compact Hausdorff space in which all components are hereditarily indecomposable. We investigate those spaces X which are quotients of a Bing space Y via a surjective map $f : Y \rightarrow X$ which has the property that the preimage of any component in X is a component in Y . The work builds on Krasinkiewicz's description of hereditarily indecomposable continua in terms of folding. (Received February 15, 2005)