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

1006-54-167   **Eric L McDowell*** (`emcdowell@berry.edu`), Department of Mathematics, Berry College, Mount Berry, GA 30149. *A Discussion of the Small-point Hyperspaces of Simple n-ods.*

A *small-point hyperspace* of a metric continuum X with metric d is the set of all subcontinua of X with d-diameter less than or equal to some $\epsilon > 0$. It is known that the small-point hyperspaces of the simple n-od are dependent upon the metric under consideration. We will report on the work being done toward classifying these hyperspaces. (Received February 14, 2005)