

1125-VU-2947      **R. M. Argus\*** ([rargus@masonlive.gmu.edu](mailto:rargus@masonlive.gmu.edu)), 8256 Vernon Street, Manassas, VA 20109.  
*Generalized Erdos-Type Spaces*. Preliminary report.

Erdos space is defined as the set  $E$  of all points in the Hilbert space  $\ell^2$  of square summable sequences which have rational coordinates. and is a canonical example of a totally disconnected topological space which is not zero-dimensional. In this talk, we discuss these and other properties of  $E$ , including those of  $E$  as a subspace of  $\ell^p$  for  $p > 2$ , and find minimal Erdos-type spaces. (Received September 21, 2016)