1047-37-192   **Jeanette Olli*** (`jolli@email.unc.edu`), Campus Box 3250, Chapel Hill, NC 27599. *Division Point Measures Related to Subdivisions.*

When subdividing a one- or two-dimensional space, a measure on the space can be defined based on the distribution of vertices. The limiting measures for division schemes on the unit interval are well-known. I will discuss these results as well as the limiting measures related to the distribution of vertices and triangles related to two division schemes based on the division rule for Conway's pinwheel tiling. (Received January 28, 2009)