1086-51-377 **J Mealy*** (jmealy@austincollege.edu), 900 North Grand Avenue, Suite 61560, Sherman, TX 75090. *New Asymptotica in Snell Geometries.*

Further results in the category, Snell Geometry. (See Snell Geometry abstracts from MathFests 2008 – 2011, Joint Meeting 2011.) First, a summary view of what the general category of Snell Geometry entails will be given, with a brief mention of some earlier results. Then the methodology of the category will be discussed, focusing in particular on how it contrasts with the differentiable approach. Then, details of a few new systems will be given, including some whose underlying parameter spaces are spheres; in particular, we discuss the construction of specific geometries that contain n—ly asymptotic n—gons (that is, whose sides are infinite) with (strictly) positive asymptotic angle sum values. (Received August 27, 2012)