

1116-51-2578 **Stephen Lewis*** (iam@stephen-lewis.net). *Local Set Approximation, Psuedo.*

Local Set Approximation (LSA) and tangents provide a framework for describing the small scale and infinitesimal behavior of a set. In this talk, we'll introduce LSA from a top-down perspective and give a theorem on the "Connectedness of the Tangent Cone at Infinity," which is a first step in understanding the structure of tangent sets. (Received September 22, 2015)