

1116-VB-1708 **Gokul R Kadel*** (gkadel@cameron.edu), Cameron University, Lawton, Oklahoma. *Chaotic Differentiation Operators and Simple Connectivity.*

We characterize the simple connectivity of a planar region in terms of the dynamics of differentiation operators on the space of complex-valued harmonic functions on the region. (Received September 21, 2015)