983-41-845 **Guido L Weiss*** (guido@math.wustl.edu), Department of Mathematics, Washington University, Campus box 1146, St. Louis, MO 63130. *On the connectivity of wavelets.*

During the past ten years several different approaches have been introduced by many researchers ot show that the set of wavelets, as a subset of $L^{(R)}$,is connected. For example, it is known that the classical MRA wavelets are connected. The same is true of the MSF wavelets. Most recently, the connectivity of those wavelets that form normalized tight frames has been studied. An overview of the methods used, their connections and extension to other reproducing systems will be presented. (Received September 25, 2002)