1035-37-574 **Manuel J Sanders*** (mjsander@uscb.edu), University of South Carolina Beaufort, One University Blvd., Bluffton, SC 29909. *An n-cell in R^{n+1} that is not the attractor of any IFS on $\mathbf{R}^{n+1}$.*

Crovisier and Rams recently constructed an embedded Cantor set in $\mathbf{R}$ and showed that it could not be realized as an attractor of any iterated function system (IFS) using measure-theoretic properties. An example of a locally connected continuum in $\mathbf{R}^2$ which is not the attractor of any IFS on $\mathbf{R}^2$ is constructed in a work of Kwieciński. Kwieciński points out that a variation on his main construction provides an arc in $\mathbf{R}^2$ which is not the attractor of any IFS either. Here, for each $n \geq 1$, construction of an n-cell in $\mathbf{R}^{n+1}$ with the feature that this n-cell is not the attractor of any IFS on $\mathbf{R}^{n+1}$ will be described. (Received September 11, 2007)