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**Erin Farrell Denette\*** (ekfarrell@my.uri.edu) and **Araceli Medina-Bonifant**  
(bonifant@math.uri.edu). *The Construction of a Non-Uniquely Ergodic Minimal Cantor Set.*

Let  $f : X \rightarrow X$  be a minimal Cantor set. Gambaudo & Martens (2006) showed that  $f$  can be represented as the projective limit of directed graphs and gave conditions under which it can be guaranteed that  $f$  is uniquely ergodic. We will use the theory behind this projective limit representation to introduce the construction of a minimal Cantor set that is not uniquely ergodic. (Received September 16, 2014)