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Cesar E. Silva* (csilva@williams.edu), Mathematics Department, Williams College,
Williamstown, MA 01267. *Ergodic theory examples to illustrate concepts from real analysis.*

We show how examples from topological dynamics and ergodic theory can be used to illustrate ideas from real analysis such as compactness, metric spaces, the Cantor set, and basic properties of measurable sets. (Received September 16, 2007)