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Guy C. David* (guydavid@math.nyu.edu) and **Raanan Schul**. *Analyst's Traveling Salesman theorems in limits of metric graphs*. Preliminary report.

The “Analyst’s Traveling Salesman Theorem” of Peter Jones characterizes subsets of rectifiable curves in the plane. There has been much recent work extending this result to more general spaces. In this talk, we will discuss an analog of this theorem in a class of highly non-Euclidean spaces with interesting analytic properties introduced by Laakso and Cheeger-Kleiner, which can be viewed as limits of metric graphs. (Received September 18, 2015)