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37614. *Universal Cycles of Functions*. Preliminary report.

A connected digraph in which the indegree of any vertex equals its outdegree is Eulerian; this baseline result is used as the basis of existence proofs for universal cycles of several combinatorial objects. We present new results on existence of universal cycles of certain classes of functions. In each case the connectedness of the graph is the non-trivial aspect to be established. (Received September 05, 2007)