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Distributing vertices on a hamiltonian cycle.

Within the last 10 years, much work has been done attempting to get specified vertices spread out around a hamiltonian cycle of a graph. Some desire simply to have space between the chosen vertices while others want the vertices in a particular order and would like to specify the distance between consecutive chosen vertices. In this talk, we will survey results in this area and present new results of this type. (Received August 19, 2010)