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Peter J Nyikos* (nyikos@math.sc.edu), Department of Mathematics, University of South Carolina, Columbia, SC 29208. *Hereditarily screenable normal, non-paracompact spaces.*

A screenable space is one for which every open cover has an open refinement which is the union of countably many disjoint collections. K. Nagami showed in 1955 that every screenable space whose product with the closed unit interval is normal is paracompact. Using a very complicated procedure involving elementary submodels, Z. Balogh constructed a screenable normal, non-paracompact space.

Two modifications of Balogh's construction will be given, both producing examples of hereditarily screenable, normal, non-paracompact spaces which moreover are the countable union of discrete spaces. (Received January 19, 2011)