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Alejandro Illanes* (illanes@matem.unam.mx), Instituto de Matematicas, Circuito Exterior, Cd. Universitaria, 04510 Mexico, D.F., Mexico. *The circle is not the generalized inverse limit of a subset of a subset of the square.*

Given a closed subset of the square $[0,1] \times [0,1]$, we consider the generalized inverse limit as it was defined by Mahavier. Answering a question by Van Nall, we prove that a simple closed curve cannot be obtained as the generalized inverse limit of a subset of the square. (Received August 25, 2009)