## QUERIES

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## A COUNTABLE AND DENSE ZERO SET

Does there exist an increasing absolutely continuous function,  $f:[0,1]\to \mathbb{R}$ such that  $\{x : f'(x) = 0\}$  is both countable and dense?

Key Words: absolutely continuous, increasing, derivative Mathematical Reviews subject classification: Primary: 26A46; Secondary: 26A24 Received by the editors February 15, 2008

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