

1015-46-110

**Kevin Beanland\*** (beanland@math.sc.edu), 29201, and **George Androulakis**. *A Hereditarily Indecomposable Asymptotic  $\ell_2$  Banach space*.

A Hereditarily Indecomposable Asymptotic  $\ell_2$  Banach space is constructed. The existence of such a space answers a question of B. Maurey and verifies a conjecture of W.T. Gowers. (Received January 31, 2006)