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Aaron Zerhusen* (azerhus@math.purdue.edu), Department of Mathematics, Purdue University, 150 N. University Street, West Lafayette, IN 47907-2067. *An Analogue of the Bishop-Narasimhan-Remmert embedding theorem for pseudoconvex domains in certain Banach spaces.*

We show that a pseudoconvex domain in a separable L^p space ($1 < p < \infty$) is biholomorphic to a closed submanifold of a separable L^p space. In fact, the statement remains true when "separable L^p space" is replaced by "Banach space with unconditional basis". (Received February 13, 2006)