1016-35-229   **Björn I. Bennewitz***, Department of Mathematics, 719 Patterson Office Tower, University of Kentucky, Lexington, KY 40506-0027. *Non-uniqueness in a free boundary problem.*

We will show that a result of Lewis and Vogel on uniqueness in a weak version of a free boundary problem for p Laplacian is sharp. (Received February 13, 2006)