

AN EXTENSION OF BROWDER'S NON-EJECTIVE FIXED POINT THEOREM

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Abstract. We consider a continuous map $f : Q \rightarrow Q$, where Q is the Hilbert cube. It is shown that f will be guaranteed to have a fixed point that is not contained in any ejective invariant set satisfying certain conditions. This is a generalization of the non-ejective fixed point theorem.

Key Words and Phrases: ejective fixed point, ejective set, Hilbert cube, Z-set.

2000 Mathematics Subject Classification: 54H25, 47H10.

Acknowledgement. The author thanks Professor Thomas I. Seidman for introducing him to the problems discussed here and for several helpful conversations.

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Received: 07.12.2008; Accepted: 09.07.2009.