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Tamas Wiandt* (tiwsma@rit.edu), 85 Lomb Memorial Dr, Rochester, NY 14623. *A Notion of Intensity of Attraction for Closed Relations.*

Certain aspects of attractors and attractor blocks for maps on locally compact metric spaces were investigated by R. McGehee. Among other notions, he introduced a notion of intensity of attraction, which was shown to be intimately connected to the persistence of attractors for small perturbations of the map in question. We give an overview of the possible extensions of his results to the case of closed relations on compact Hausdorff spaces. (Received August 22, 2009)