

1062-39-42

Tamas I Wiandt* (tiwsma@rit.edu), 85 Lomb Memorial Dr, Rochester, NY 14623. *Attraction Intensities for Closed Relations on Hausdorff Spaces.*

We give an overview of extensions of different notions of intensity of attraction for closed relations on Hausdorff spaces. These notions were defined originally for maps, but through similar constructions they can be generalized for the wider setting of relations. We prove that two different approaches to intensity ultimately yield the same result. (Received July 13, 2010)