

1116-VB-2045 **C. P. Money*** (chad.money@louisville.edu), 328 Natural Sciences Building, University of Louisville, Louisville, KY 40292. *Chaos in a Wider Context*. Preliminary report.

Chaos in a Wider Context

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Though originally formulated for cascades, Devaney chaos can be defined in the context of an arbitrary semiflow (where T is any monoid, X any metric space). We will examine some of the topological consequences of that definition, including some very powerful theorems when T is abelian and some introductory results when T is not. (Received September 21, 2015)