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Yanyu Xiao*, PO box 210025, French Hall west, Dept of Math. Sci, Univ. of Cincinnati, OH 45221. *Investigation on the dynamics of a stage-structured model.*

In this work, we consider a stage-structured model incorporating the intra-competition at certain stage. We examine the rich dynamics of the delay system theoretically and numerically. (Received February 05, 2017)