

Hsu, S. B.; Waltman, P.

Analysis of a model of two competitors in a chemostat with an external inhibitor. (English)

Zbl 0788.34040

SIAM J. Appl. Math. 52, No. 2, 528-540 (1992).

MSC:

37-XX Dynamical systems and ergodic theory

92D40 Ecology

34C05 Topological structure of integral curves, singular points, limit cycles
of ordinary differential equations

Cited in **39** Documents

Keywords:

model of the chemostat; three-dimensional competitive system; multiple limit cycles; attracting limit cycle; chemostat with inhibitor; competition between two populations of microorganisms

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