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Mathematics Vol. 59, No. 4, pp. 1157-1177 Abstract. The model of an unstirred chemostat is generalized to that of a chemostat with COMPETITION IN THE UNSTIRRED CHEMOSTAT WITH PERIODIC INPUT ...A model of exploitative competition of n species in a chemostat for a single, essential, nonreproducing, growth-limiting resource is considered. S. B. Hsu [SIAM J. Appl. Math., 34 (1978), pp. 760-763] applies LaSalle's extension theorem of Lyapunov stability theory to study the asymptotic behavior of solutions in the special case that the response functions are modeled by Michaelis ...Global Dynamics of a Mathematical Model of Competition in ...Citation: Xiaoqing He, Sze-Bi Hsu, Feng-Bin Wang. A periodic-parabolic Droop model for two species

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