998-34-13 **Tolibjon Ergashevich Buriev*** (`tolibjonb@yahoo.com`), 11/2 Shota Rustaveli str., Samarkand, Uzbekistan, 703034 Samarkand, Uzbekistan, and **Vafokul Ergashev** (`vafokul@rambler.ru`), 95, Umarov str. Samarkand, Uzbekistan, 703012 Samarkand, Uzbekistan. *"Chaos and Self-Oscillatory Regimes in Ecolojical Systems of two competing Species and one Predator".*

The presented work is a prolongation of a series of studies dedicated to qualitatively-numerical reseaches of models of dynamics of three populations interacting by predetor-prey pinciple.

The purpose of present work is to investigate model of dynamics community consisting of two competing prey populations and one predator , taking into accoount saturation affect in predator populations and an intraspecific competition.We showexsistence of stable Self-Oscillatory regimes and Chaos regimes behaviour in the system. The invstigations has been carried out qualitatively based on the bifurcation theory of system of ordinary differential equations and as well as by means of a computer experimnts. (Received October 25, 2003)