We the value can see a pitchfork bifurcation as 16 5, = 16.25 = 0.004 from the parameter \* in question 5. 3

4

with the deterministic description of the system, we found that the deterministic obts which cannot be obtained from the deterministic model. Moreover, with second-order (or higher-order) reductions; we do not obtain do not provide an exact description of the mean behaviour of the system. obtain an approximate set of equation. paraddition, in systems with many favourable stouchy state, oublition equation for the mean, we need to use moment closure SSA gives results