A) No Turing instability 31.37 р Highest eigenvalue 1500-Time 1000--31.29 Dominant mode below zero 500 10 20 Ó Wavenumber k Space B) Turing instability Dominant mode above zero ρ 8.79 Highest eigenvalue 1500-Time 1000--5.36 500-10 20 Wavenumber k Space

Dispersion relation

Numerical solution