

Advanced Seminars in Materials Theory

Professor Ghoniem, MAE

Lecture 1- Stability of ODEs: attractors, limit cycles, bifurcations, Lyapunov functionals, examples and connections with phase transitions

(Date: Thursday, February 18, Room 37-124 E-IV)

Lecture 2 - Stability of PDEs: Linear stability, nonlinear stability, Ginzburg-Landau dynamics, pattern formation.

(Date: Thursday, February 25, Room 37-124 E-IV)

