



VI Escuela de Verano en Sistemas Complejos
Instituto de Sistemas Complejos de Valparaíso –ISCV–
Valparaíso, Chile, ISCV, Enero 7 al 11, 2008

Martin Nilsson Jacobi

Abstract

Hierarchical modeling of morphogenic processes

The talk will give a brief overview of theoretical and practical aspects of representing multiscale processes in morphological growth processes. Especially we will discuss how to derive effective dynamics that emerge from coarse graining microscopic detailed models typically used when modeling morphogenesis.