

Download Statistical Thermodynamics Lecture Notes

zur Vorbereitung zum Physikstudium : B3 alpha centauri----BR3: Mathematical preparation course before Studying Physics Hefft: 2006: Heidelberg: Mathematischer Vorkurs zum Studium der Physik Statistical mechanics is one of the pillars of modern physics. It is necessary for the fundamental study of any physical system that has a large number of degrees of freedom. Contents 1. The Fundamentals of Statistical Mechanics 1 1.1 Introduction 1 1.2 The Microcanonical Ensemble 2 1.2.1 Entropy and the Second Law of Thermodynamics 5 Lecture notes from previous semesters. Thermodynamics and Statistical Thermodynamics (CCB 425/525), Spring, 2017. Course syllabus. Notes on thermodynamics, from J.C. Slater, Introduction to Chemical Physics, chapters 1-3.