

focuses on the application of AdS/CFT to condensed matter. An intermediate point of view can be found in the monograph *Gauge/String Duality, Hot QCD and Heavy Ion Collisions* (Cambridge University Press, 2014) by Jorge Casalderrey-Solana and coauthors, which is more centered on the themes mentioned in the title.

Part 2 of the book contains an account of the original formulation of the correspondence; part 3 deals with the extensions of the holographic duality to models in different numbers of spacetime dimensions or with fewer symmetries. The content of that third part reflects Nästase's preferences and will not please some advanced readers. I appreciated the sections devoted to a particular model—the so-called ABJM model—developed by Maldacena and colleagues; many details presented by Nästase are not available in existing books. Unfortunately, the book only briefly covers (in chapter 21) the addition of flavor fields to the correspondence; a better treatment can be found in the text by Ammon and Erdmenger and in the monograph by Casalderrey-Solana and company.

Nästase's book is written in a student-friendly style with detailed explanations and many worked-out calculations. Each chapter ends with a summary of important concepts and a set of exercises. It will certainly be of great help both to those teaching an advanced graduate course on the AdS/CFT correspondence and to students or researchers planning to learn it by themselves. *Introduction to AdS/CFT Correspondence* is a valuable addition to the small set of existing books on the topic.

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