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Nota di contenuto	A Strings-less introduction to AdS-CFT A Practical Understanding of the Dictionary The first big success: /s and Hydrodynamics Holographic Transport via analytic and numerical techniques.
Sommario/riassunto	This primer is a collection of notes based on lectures that were originally given at IIT Madras (India) and at IFT Madrid (Spain). It is a concise and pragmatic course on applied holography focusing on the basic analytic and numerical techniques involved. The presented lectures are not intended to provide all the fundamental theoretical background, which can be found in the available literature, but they concentrate on concrete applications of AdS/CFT to hydrodynamics, quantum chromodynamics and condensed matter. The idea is to accompany the reader step by step through the various benchmark examples with a classmate attitude, providing details for the

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computations and open-source numerical codes in Mathematica, and sharing simple tricks and warnings collected during the author's research experience. At the end of this path, the reader will be in possess of all the fundamental skills and tools to learn by him/herself more advanced techniques and to produce independent and novel research in the field.