Introduction to the Mathematical Theory of Compressible Flow (Oxford Lecture Series in Mathematics and Its Applications)

Antonín Novotny, Ivan Straskraba

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This book provides a comprehensive introduction to the mathematical theory of compressible flow, describing both inviscid and viscous compressible flow, which are governed by the Euler and the Navier-Stokes equations respectively. The method of presentation allows readers with different backgrounds to focus on various modules of the material, either in part or more fully. Chapters include detailed heuristic arguments providing motivation for technical aspects that
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