



Hydrodynamic and Hydromagnetic Stability (Paperback)

By S. Chandrasekhar

Dover Publications Inc., United States, 1981. Paperback. Condition: New. Dover. Language: English. Brand New Book. Dr. Chandrasekhar s book received high praise when it first appeared in 1961 as part of Oxford University Press International Series of Monographs on Physics. Since then it has been reprinted numerous times in its expensive hardcover format. This first lower-priced, sturdy paperback edition will be welcomed by graduate physics students and scientists familiar with Dr. Chandrasekhar s work, particularly in light of the resurgence of interest in the Rayleigh-Benard problem. This book presents a most lucid introduction to the Rayleigh-Benard problem: it has also been applauded for its thorough, clear coverage of the theory of instabilities causing convection. Dr. Chandrasekhar considers most of the typical problems in hydromagnetic stability, with the exception of viscous shear flow; a specialized domain deserving a book unto itself. Contents include: Rotation; Stability of More General Flows; Benard Problem; Gravitational Equilibrium and Instability; Stability of a Magnetic Field; Thermal Instability of a Layer of Fluid heated from Below; Rayleigh-Taylor Instability; Kelvin-Helmholtz Instability; and Onset of Thermal Instability in Fluid Spheres and Spherical Shells. Each chapter is accompanied by a section of bibliographical notes: indexes locating definitions and theorems...



Reviews

The publication is great and fantastic. It can be filled with knowledge and wisdom You wont truly feel monotony at at any moment of your time (that's what catalogues are for about if you ask me).

-- Dr. Marcos Grimes III

This publication is amazing. This can be for all who statte that there had not been a worth reading through. I realized this publication from my i and dad encouraged this ebook to find out.

-- Desmond Schuster II

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HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English. Brand New Book ***** Print on Demand *****. A highly personal and moving true story of friend-ship and remembrance from the New York Times bestselling...



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Createspace, United States, 2013. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. This children s book is wonderfully illustrated. It has an awesome plot to draw the reader into the story. This...



Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities

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Because It Is Bitter, and Because It Is My Heart (Plume)

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