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Applied Gas Dynamics: Rathakrishnan, Ethirajan ...

High Enthalpy Gas Dynamics is designed for graduate students in mechanical engineering, aerospace and applied physics courses, as well as designers and engineers working in the field of re-entry gas dynamics. About the Author: Ethirajan Rathakrishnan, Indian Institute of Technology, India. Read more.

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In Applied Gas Dynamics, Professor Ethirajan Rathakrishnan introduces the high-tech science of gas dynamics, from a definition of the subject to the three essential processes of this science, namely, the isentropic process, shock and expansion process, and Fanno and Rayleigh flows. The material is presented in such a manner that beginners can follow the subject comfortably.

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E. Rathakrishnan. Prentice Hall India Pvt., Limited, Aug 1, 2004 - Gas dynamics - 416 pages. 1 Review. What people are saying - Write a review. User Review - Flag as inappropriate. super. References to this book. FUNDAMENTALS OF ENGINEERING THERMODYNAMICS E. RATHAKRISHNAN Limited preview - 2005.

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dynamics, normal and oblique shocks, expansion fans, flows in ducts and nozzles, flow with friction and heat transfer, ... One-dimensional gas dynamics, area-velocity relation, isentropic flows, choking ... Rathakrishnan E. 2010. Applied Gas ...

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About The Book Gas Dynamics. Book Summary: This revised and updated fifth edition continues to provide the most accessible and readable approach to the study of all the vital topics and issues associated with gas dynamic processes. At every stage, the physics governing the process, its applications and limitations are discussed in-depth.

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Gas Dynamics By Ethirajan Rathakrishnan.pdf - Free Download E Rathakrishnan is a professor in the Department of Aerospace Engineering, Indian Institute of Technology, Kanpur. He is well known internationally for his research in the area of Gas Dynamics.

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