

Heat And Mass Transfer A Biological Context Second Edition

Fundamentals Of Heat And Mass Transfer, 5Th EdHEAT AND MASS TRANSFERHeat and Mass Transfer: Fundamentals and Applications + EES DVD for Heat and Mass TransferPrinciples of Heat and Mass TransferMomentum, Heat, and Mass Transfer FundamentalsHeat and Mass TransferHeat And Mass Transfer , Second EditionHeat and Mass TransferHeat and Mass Transfer in Building Energy Performance AssessmentFundamentals of Heat and Mass TransferFundamentals of Heat and Mass TransferHeat and Mass Transfer in Porous MediaHeat and Mass TransferFundamentals of Heat and Mass Transfer, 7th EditionAnalysis Of Heat And Mass TransferHeat and Mass TransferHeat and Mass TransferHeat and Mass TransferHeat and Mass TransferHeat and Mass TransferHeat And Mass TransferHeat and Mass Transfer Data BookHeat and Mass TransferComputational Methods for Heat and Mass TransferHeat & Mass Transfer: A Practical ApproachConjugate Heat and Mass Transfer in Heat Mass Exchanger DuctsHeat and Mass Transfer in Building Services DesignFUNDAMENTALS OF HEAT AND MASS TRANSFERFundamentals of Heat and Mass TransferHeat and Mass Transfer in Packed BedsHeat And Mass Transfer (Two Colour)Biological and Bioenvironmental Heat and Mass TransferBasic Heat and Mass TransferAdvanced Heat and Mass TransferHeat and Mass TransferHeat & Mass Transfer 2EHeat and Mass TransferFundamentals of Heat and Mass TransferHeat and Mass Transfer in Energy SystemsHeat and Mass Transfer: Fundamentals

and Applications

Fundamentals Of Heat And Mass Transfer, 5Th Ed

This best-selling book in the field provides a complete introduction to the physical origins of heat and mass transfer. Noted for its crystal clear presentation and easy-to-follow problem solving methodology, Incropera and Dewitt's systematic approach to the first law develops readers confidence in using this essential tool for thermal analysis.· Introduction to Conduction· One-Dimensional, Steady-State Conduction· Two-Dimensional, Steady-State Conduction· Transient Conduction· Introduction to Convection· External Flow· Internal Flow· Free Convection· Boiling and Condensation· Heat Exchangers· Radiation: Processes and Properties· Radiation Exchange Between Surfaces· Diffusion Mass Transfer

HEAT AND MASS TRANSFER

Heat Transfer has been written for undergraduate students in mechanical, nuclear, and chemical engineering programs. The success of Anthony Mill's Basic Heat and Mass Transfer and Heat Transfer continues with two new editions for 1999. The careful ordering of topics in each chapter leads students gradually from introductory concepts to advanced material, eliminating road blocks to developing solid engineering problem-solving skills. Mathematical concepts, from earlier courses, are reviewed on as needed basis refreshing students'

memories, and the computational software integrated with the text allows them to obtain reliable numerical results. The integrated coverage of design principles and the wide variety of exercises based on current heat and mass transfer technologies encourages students to think like engineers, better preparing them for the engineering workplace.

Heat and Mass Transfer: Fundamentals and Applications + EES DVD for Heat and Mass Transfer

Providing a foundation in heat and mass transport, this book covers engineering principles of heat and mass transfer. The author discusses biological content, context, and parameter regimes and supplies practical applications for biological and biomedical engineering, industrial food processing, environmental control, and waste management. The book contains end-of-chapter problems and sections highlighting key concepts and important terminology. It offers cross-references for easy access to related areas and relevant formulas, as well as detailed examples of transport phenomena, and descriptions of physical processes. It covers mechanisms of diffusion, capillarity, convection, and dispersion.

Principles of Heat and Mass Transfer

Written with the third-year engineering students of undergraduate level in mind, this well set out textbook explains the fundamentals of Heat and Mass Transfer. Written in question-answer

form, the book is precise and easy to understand. The book presents an exhaustive coverage of the theory, definitions, formulae and examples which are well supported by plenty of diagrams and problems in order to make the underlying principles more comprehensive. In the present second edition, the book has been thoroughly revised and enlarged. The chapter on steady state one-dimensional heat conduction has been modified to include problems on two-dimensional heat conduction. Finite heat difference method of solving such problems has been covered. Modification has also been included in the text as per the suggestions obtained from various sources. Additional typical problems based on the examination papers of various technical universities have been included with solutions for easy understanding by the students.

Momentum, Heat, and Mass Transfer Fundamentals

In recent years, the interest of the scientific community towards efficient energy systems has significantly increased. One of the reasons is certainly related to the change in the temperature of the planet, which has increased by $0.76\text{ }^{\circ}\text{C}$ with respect to preindustrial levels, according to the Intergovernmental Panel on Climate Change (IPCC), and is still increasing. The European Union considers it vital to prevent global warming from exceeding $2\text{ }^{\circ}\text{C}$ with respect to pre-industrial levels, as it has been proven that this will result in irreversible and potentially catastrophic changes. These changes in climate are mainly caused by greenhouse gas emissions related to human activities, and can be drastically reduced by employing energy systems for the heating and cooling of buildings, as well as for power production, characterized

by high efficiency levels and/or based on renewable energy sources. This Special Issue, published in the *Energies* journal, includes 13 contributions from across the world, including a wide range of applications such as hybrid residential renewable energy systems, desiccant-based air handling units, heat exchanges for engine WHR, solar chimney systems, and other interesting topics.

Heat and Mass Transfer

This book provides a solid foundation in the principles of heat and mass transfer and shows how to solve problems by applying modern methods. The basic theory is developed systematically, exploring in detail the solution methods to all important problems. The revised second edition incorporates state-of-the-art findings on heat and mass transfer correlations. The book will be useful not only to upper- and graduate-level students, but also to practicing scientists and engineers. Many worked-out examples and numerous exercises with their solutions will facilitate learning and understanding, and an appendix includes data on key properties of important substances.

Heat And Mass Transfer , Second Edition

Heat and Mass Transfer

Heat and Mass Transfer in Building Energy Performance Assessment

With complete coverage of the basic principles of heat transfer and a broad range of applications in a flexible format, Heat and Mass Transfer: Fundamentals and Applications by Yunus Cengel and Afshin Ghajar provides the perfect blend of fundamentals and applications. The text provides a highly intuitive and practical understanding of the material by emphasizing the physics and the underlying physical phenomena involved. This text covers the standard topics of heat transfer with an emphasis on physics and real-world every day applications, while de-emphasizing the intimidating heavy mathematical aspects. This approach is designed to take advantage of students' intuition, making the learning process easier and more engaging. Key: 50% of the Homework Problems including design, computer, essay, lab-type, and FE problems are new or revised to this edition. Using a reader-friendly approach and a conversational writing style, the book is self-instructive and entertains while it teaches. It shows that highly technical matter can be communicated effectively in a simple yet precise language.

Fundamentals of Heat and Mass Transfer

Completely updated, the seventh edition provides engineers with an in-depth look at the key concepts in the field. It incorporates new discussions on emerging areas of heat transfer, discussing technologies that are related to nanotechnology, biomedical engineering and

alternative energy. The example problems are also updated to better show how to apply the material. And as engineers follow the rigorous and systematic problem-solving methodology, they'll gain an appreciation for the richness and beauty of the discipline.

Fundamentals of Heat and Mass Transfer

This book on Heat and Mass Transfer provides a highly intuitive and practical understanding of the topics by emphasizing the physics and the underlying physical phenomena involved. The concepts have been substantiated with the help of adequate practical examples, case studies, solved problems, applications and innovative exercises.

Heat and Mass Transfer in Porous Media

This substantially revised text represents a broader based biological engineering title. It includes medicine and other applications that are desired in curricula supported by the American Society of Agricultural and Biological Engineers, as well as many bioengineering departments in both U.S. and worldwide departments. This new edition will focus on a significant number of biological applications, problem-solving techniques, and solved examples. Specifically there will be 160+ interesting application problems over an extended biological base (biomedical, bioenvironmental, etc.) that were originally developed by the author throughout his 13 years of teaching this course at Cornell.

Heat and Mass Transfer

With complete coverage of the basic principles of heat transfer and a broad range of applications in a flexible format, *Heat and Mass Transfer: Fundamentals and Applications*, by Yunus Cengel and Afshin Ghajar provides the perfect blend of fundamentals and applications. The text provides a highly intuitive and practical understanding of the material by emphasizing the physics and the underlying physical phenomena involved. This text covers the standard topics of heat transfer with an emphasis on physics and real-world every day applications, while de-emphasizing mathematical aspects. This approach is designed to take advantage of students' intuition, making the learning process easier and more engaging. McGraw-Hill is also proud to offer Connect with the fifth edition of Cengel's *Heat and Mass Transfer: Fundamentals and Applications*. This innovative and powerful new system helps your students learn more efficiently and gives you the ability to assign homework problems simply and easily. Problems are graded automatically, and the results are recorded immediately. Track individual student performance - by question, assignment, or in relation to the class overall with detailed grade reports. ConnectPlus provides students with all the advantages of Connect, plus 24/7 access to an eBook. Cengel's *Heat and Mass Transfer* includes the power of McGraw-Hill's LearnSmart--a proven adaptive learning system that helps students learn faster, study more efficiently, and retain more knowledge through a series of adaptive questions. This innovative study tool pinpoints concepts the student does not understand and maps out a personalized plan for success.

Fundamentals of Heat and Mass Transfer, 7th Edition

With complete coverage of the basic principles of heat transfer and a broad range of applications in a flexible format, "Heat and Mass Transfer: A Practical Approach" provides the perfect blend of fundamentals and applications. The text provides a highly intuitive and practical understanding of the material by emphasizing the physics and the underlying physical phenomena involved. Key: Text covers the standard topics of heat transfer with an emphasis on physics and real-world every day applications, while de-emphasizing the intimidating heavy mathematical aspects. This approach is designed to take advantage of students' intuition, making the learning process easier and more engaging. Key: The new edition will add helpful web-links for students. Key: 50% of the Homework Problems including design, computer, essay, lab-type, and FE problems are new or revised to this edition. Using a reader-friendly approach and a conversational writing style, the book is self-instructive and entertains while it teaches. It shows that highly technical matter can be communicated effectively in a simple yet precise language.

Analysis Of Heat And Mass Transfer

Building design is increasingly geared towards low energy consumption. Understanding the fundamentals of heat transfer and the behaviour of air and water movements is more important than ever before. Heat and Mass Transfer in Building Services Design provides an essential

underpinning knowledge for the technology subjects of space heating, water services, ventilation and air conditioning. This new text: *provides core understanding of heat transfer and fluid flow from a building services perspective *complements a range of courses in building services engineering *underpins and extends the themes of the author's previous books: Heating and Water Services Design in Buildings; Energy Management and Operational Costs in Buildings Heat and Mass Transfer in Building Services Design combines theory with practical application for building services professional and students. It will also be beneficial to technicians and undergraduate students on courses in construction and mechanical engineering.

Heat and Mass Transfer

This book is a revision and extension of Frank White's Heat Transfer. The new text adds the topic of mass transfer and improves the original topics based on new literature and faculty suggestions. A highlight of the book is the addition of 22 new Special Design Projects covering conduction, free and forced convection, radiation, condensation, boiling, and heat exchangers. Numerous examples and problems have been added to the text to make it an improved learning tool.

Heat and Mass Transfer

The Aim Of This Book Is To Present To The Students, Teachers And Practising Engineers, A Comprehensive Collection Of Various Material Property Data And Formulae In The Field Of Heat And Mass Transfer. The Material Is Organized In Such A Way That A Reader Who Has Gone Through The Engineering Curriculum Could Easily Use The Formulae And Data Presented In Heat Transfer Calculations. Hence, This Compilation Is Primarily Intended As An Adjunct To A Standard Text. The Data Book Devotes Considerable Space To The Property Values Of Materials Solids, Liquids And Gases That Are Commonly Used In Heat Transfer Situations. Property Values For Various Materials At Different Temperatures Are Given For The Use Of Designers. The Formulae For Conduction, Convection, Radiation, Boiling, Condensation, Freezing, Melting, Heat Exchangers And Mass Transfer Are Arranged In An Easily Usable Tabular Form With Symbols And Units Explained Alongside. The Limitations And Restrictions In The Use Of Empirical Relationships Are Also Mentioned Alongside. The Empirical Formulae And Charts Have Been Selected. Suggestions Received Since The Appearance Of The Fifth Edition Have Been Incorporated, As Far As Possible, In The New Edition. A Number Of Charts And Data Have Been Added To Enhance The Value Of The Book. The Presentation On Convection Has Been Enlarged, Taking Into Account The Recent Publications. This Book Is A Comprehensive Collection Of Heat Transfer Information In SI Units For Students And Practitioners.

Heat and Mass Transfer

Conjugate Heat and Mass Transfer in Heat Mass Exchanger Ducts bridges the gap between

fundamentals and recent discoveries, making it a valuable tool for anyone looking to expand their knowledge of heat exchangers. The first book on the market to cover conjugate heat and mass transfer in heat exchangers, author Li-Zhi Zhang goes beyond the basics to cover recent advancements in equipment for energy use and environmental control (such as heat and moisture recovery ventilators, hollow fiber membrane modules for humidification/dehumidification, membrane modules for air purification, desiccant wheels for air dehumidification and energy recovery, and honeycomb desiccant beds for heat and moisture control). Explaining the data behind and the applications of conjugated heat and mass transfer allows for the design, analysis, and optimization of heat and mass exchangers. Combining this recently discovered data into one source makes it an invaluable reference for professionals, academics, and other interested parties. A research-based approach emphasizing numerical methods in heat mass transfer Introduces basic data for exchangers' design (such as friction factors and the Nusselt/Sherwood numbers), methods to solve conjugated problems, the modeling of various heat and mass exchangers, and more The first book to include recently discovered advancements of mass transfer and fluid flow in channels comprised of new materials Includes illustrations to visually depict the book's key concepts

Heat and Mass Transfer

"This comprehensive text on the basics of heat and mass transfer provides a well-balanced treatment of theory and mathematical and empirical methods used for solving a variety of engineering problems. The book helps students develop an intuitive and practical under-

standing of the processes by emphasizing the underlying physical phenomena involved. Focusing on the requirement to clearly explain the essential fundamentals and impart the art of problem-solving, the text is written to meet the needs of undergraduate students in mechanical engineering, production engineering, industrial engineering, auto-mobile engineering, aeronautical engineering, chemical engineering, and biotechnology.

Heat and Mass Transfer

Introduction to Heat and Mass Transfer is the gold standard of heat transfer pedagogy for more than 30 years, with a commitment to continuous improvement by four authors having more than 150 years of combined experience in heat transfer education, research and practice. Using a rigorous and systematic problem-solving methodology pioneered by this text, it is abundantly filled with examples and problems that reveal the richness and beauty of the discipline. This edition maintains its foundation in the four central learning objectives for students and also makes heat and mass transfer more approachable with an additional emphasis on the fundamental concepts, as well as highlighting the relevance of those ideas with exciting applications to the most critical issues of today and the coming decades: energy and the environment. An updated version of Interactive Heat Transfer (IHT) software makes it even easier to efficiently and accurately solve problems.

Heat And Mass Transfer

This title provides a complete introduction to the physical origins of heat and mass transfer while using problem solving methodology. The systematic approach aims to develop readers confidence in using this tool for thermal analysis.

Heat and Mass Transfer Data Book

About the Book: Salient features: A number of Complex problems along with the solutions are provided Objective type questions for self-evaluation and better understanding of the subject Problems related to the practical aspects of the subject have been worked out Checking the authenticity of dimensional homogeneity in case of all derived equations Validation of numerical solutions by cross checking Plenty of graded exercise problems from simple to complex situations are included Variety of questions have been included for the clear grasping of the basic principles Redrawing of all the figures for more clarity and understanding Radiation shape factor charts and Heisler charts have also been included Essential tables are included The basic topics have been elaborately discussed Presented in a more better and fresher way Contents: An Overview of Heat Transfer Steady State Conduction Conduction with Heat Generation Heat Transfer with Extended Surfaces (FINS) Two Dimensional Steady Heat Conduction Transient Heat Conduction Convection Convective Heat Transfer Practical Correlation Flow Over Surfaces Forced Convection Natural Convection Phase Change Processes Boiling, Condensation, Freezing and Melting Heat Exchangers Thermal Radiation Mass Transfer

Heat and Mass Transfer

This textbook provides a clear, coherent, and proper organization of the underlying principles and concepts on Heat and Mass Transfer. It is designed to facilitate self-learning and provides a unique problemsolving methodology coupled with an emphasis on consistency and compatibility of units. It is an ideal offering for undergraduate students of Mechanical Engineering, Chemical Engineering, and Aerospace Engineering as well as candidates aspiring to take IES, GATE, AMIE, and other competitive examinations. Salient Featres: -Provides complete coverage on heat transfer with an emphasis on physics and real-world everyday applications. - Balanced theoretical explanation and mathematical treatment. - Excellent pedagogy including -- 324 Solved Examples -- 232 Unsolved Problems -- 276 Review Questions -- 242 Multiple-Choice Questions

Computational Methods for Heat and Mass Transfer

This complete reference book covers topics in heat and mass transfer, containing extensive information in the form of interesting and realistic examples, problems, charts, tables, illustrations, and more. Heat and Mass Transfer emphasizes practical processes and provides the resources necessary for performing accurate and efficient calculations. This excellent reference comes with a complete set of fully integrated software available for download at crcpress.com, consisting of 21 computer programs that facilitate calculations, using procedures

developed in the text. Easy-to-follow instructions for software implementation make this a valuable tool for effective problem-solving.

Heat & Mass Transfer: A Practical Approach

Conjugate Heat and Mass Transfer in Heat Mass Exchanger Ducts

This textbook presents the classical treatment of the problems of heat transfer in an exhaustive manner with due emphasis on understanding of the physics of the problems. This emphasis is especially visible in the chapters on convective heat transfer. Emphasis is laid on the solution of steady and unsteady two-dimensional heat conduction problems. Another special feature of the book is a chapter on introduction to design of heat exchangers and their illustrative design problems. A simple and understandable treatment of gaseous radiation has been presented. A special chapter on flat plate solar air heater has been incorporated that covers thermo-hydraulic modeling and simulation. The chapter on mass transfer has been written looking specifically at the needs of the students of mechanical engineering. The book includes a large number and variety of solved problems with supporting line diagrams. The author has avoided duplicating similar problems, while incorporating more application-based examples. All the end-of-chapter exercise problems are supplemented with stepwise answers. Primarily designed to serve as a complete textbook for undergraduate and graduate students of mechanical

engineering, the book will also be useful for students of chemical, automobile, production, and industrial engineering streams. The book fully covers the topics of heat transfer coursework and can also be used as reference for students preparing for competitive graduate examinations.

Heat and Mass Transfer in Building Services Design

"Presents the fundamentals of momentum, heat, and mass transfer from both a microscopic and a macroscopic perspective. Features a large number of idealized and real-world examples that we worked out in detail."

FUNDAMENTALS OF HEAT AND MASS TRANSFER

Fundamentals of Heat and Mass Transfer

This book, "Heat and Mass Transfer in Porous Media", presents a set of new developments in the field of basic and applied research work on the physical and chemical aspects of heat and mass transfer phenomena in a porous medium domain, as well as related material properties and their measurements. The book contents include both theoretical and experimental developments, providing a self-contained major reference that is appealing to both the

scientists and the engineers. At the same time, these topics will encounter of a variety of scientific and engineering disciplines, such as chemical, civil, agricultural, mechanical engineering, etc. The book is divided in several chapters that intend to be a short monograph in which the authors summarize the current state of knowledge for benefit of professionals.

Heat and Mass Transfer in Packed Beds

With complete coverage of the basic principles of heat transfer and a broad range of applications in a flexible format, Heat and Mass Transfer: Fundamentals and Applications, by Yunus Cengel and Afshin Ghajar provides the perfect blend of fundamentals and applications. The text provides a highly intuitive and practical understanding of the material by emphasizing the physics and the underlying physical phenomena involved.

Heat And Mass Transfer (Two Colour)

This book provides a solid foundation in the principles of heat and mass transfer and shows how to solve problems by applying modern methods. The basic theory is developed systematically, exploring in detail the solution methods to all important problems. The revised second edition incorporates state-of-the-art findings on heat and mass transfer correlations. The book will be useful not only to upper- and graduate-level students, but also to practicing scientists and engineers. Many worked-out examples and numerous exercises with their

solutions will facilitate learning and understanding, and an appendix includes data on key properties of important substances.

Biological and Bioenvironmental Heat and Mass Transfer

Basic Heat and Mass Transfer

The First edition of HEAT AND MASS TRANSFER has been published to serve undergraduate students concerning with this extremely important domain of engineering science. The book is written to gradually build up the concepts and inculcate mathematical abilities in students to solve real life problems in Heat and Mass Transfer analysis. Book has been designed to make it student friendly, interesting and engaging with special focus to provide a meaningful, correct and lucid explanation of the underlying concepts. Features: -Building up stepwise concepts with proper interlinking and apt illustrations. -Exhaustive and In-depth coverage of subject. -Plethora of Solved Examples, Multiple Choice Questions and Review Questions. -Coverage of Competitive and University Exam questions. Table of Contents: Chapter 1) Introduction to Heat Transfer Chapter 2) Fundamentals of Conduction and Governing Equations Chapter 3) Unsteady State Conduction Chapter 4) Numerical Approach for Solving Heat Conduction Problems Chapter 5) Heat Transfer from Extended Surfaces Chapter 6) Fundamentals of Convection Chapter 7) Heat Transfer by Forced Convection Chapter 8) Heat Transfer by Free

Convection Chapter 9) Boiling and Condensation Chapter 10) Heat Exchangers Chapter 11) Mass Transfer Chapter 12) Thermal Radiations: Process and Properties Chapter 13) Radiation Heat Exchange Between Surfaces

Advanced Heat and Mass Transfer

First published in 1982. Routledge is an imprint of Taylor & Francis, an informa company.

Heat and Mass Transfer

The entire book has been thoroughly revised and a large number of solved examples under heading Additional/Typical Worked Examples (Questions selected from various Universities and Competitive Examinations) have been added at the end of the book.

Heat & Mass Transfer 2E

The building industry is influenced by many factors and trends reflecting the current situation and developments in social, economic, technical, and scientific fields. One of the most important trends seeks to minimize the energy demand. This can be achieved by promoting the construction of buildings with better thermal insulating capabilities of their envelopes and better efficiency in heating, ventilation, and air conditioning systems. Any credible assessment

of building energy performance includes the identification and simulation of heat and mass transfer phenomena in both the building envelope and the interior of the building. As the interaction between design elements, climate change, user behavior, heating effectiveness, ventilation, air conditioning systems, and lighting is not straightforward, the assessment procedure can present a complex and challenging task. The simulations should then involve all factors affecting the energy performance of the building in questions. However, the appropriate choice of physical model of heat and mass transfer for different building elements is not the only factor affecting the output of building energy simulations. The accuracy of the material parameters applied in the models as input data is another potential source of uncertainty. For instance, neglecting the dependence of hygric and thermal parameters on moisture content may affect the energy assessment in a significant way. Boundary conditions in the form of weather data sets represent yet another crucial factor determining the uncertainty of the outputs. In light of recent trends in climate change, this topic is vitally important. This Special Issue aims at providing recent developments in laboratory analyses, computational modeling, and in situ measurements related to the assessment of building energy performance based on the proper identification of heat and mass transfer processes in building structures. Potential topics include but are not limited to the following: -Development, calibration, and validation of advanced mathematical models for the description of heat and mass transfer in building materials and structures -Computational modeling of heat and mass transfer in building materials and structures aimed at energy performance assessment Boundary conditions for building energy performance simulations in light of climate change trends -Advanced experimental techniques for the determination of heat and mass transport and the storage

properties of building materials -On site monitoring and verification of building energy performance -Research and development of new materials with high potential to improve the energy performance of buildings

Heat and Mass Transfer

The advent of high-speed computers has encouraged a growing demand for newly graduated engineers to possess the basic skills of computational methods for heat and mass transfer and fluid dynamics. Computational fluid dynamics and heat transfer, as well as finite element codes, are standard tools in the computer-aided design and analysis of processes

Fundamentals of Heat and Mass Transfer

Fundamentals of Heat and Mass Transfer is written as a text book for senior undergraduates in engineering colleges of Indian universities, in the departments of Mechanical, Automobile, Production, Chemical, Nuclear and Aerospace Engineering. The book should also be useful as a reference book for practising engineers for whom thermal calculations and understanding of heat transfer are necessary, for example, in the areas of Thermal Engineering, Metallurgy, Refrigeration and Airconditioning, Insulation etc.

Heat and Mass Transfer in Energy Systems

Revised extensively and updated with several new topics, this book discusses the principles and applications of "Heat and Mass Transfer". It is written with extensive pedagogy, clear explanations and examples throughout to elucidate the concepts and facilitate problem solving.

Heat and Mass Transfer: Fundamentals and Applications

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