


[DOWNLOAD](#)


## Mathematical Models for Heat & Mass Transfer problems

By Navneet Joshi

LAP Lambert Academic Publishing Jan 2013, 2013.

Taschenbuch. Book Condition: Neu. 220x150x8 mm. This item is printed on demand - Print on Demand Neuware - The mathematical model describing the different aspects of physical problems as well as numerical method adopted for their solution have been introduced and discussed. The different phases of overall numerical solution procedure from their non-dimensional form through the similarity transformation to the solution of flow equations have been described. The boundary layer flow around bodies of different shapes like shrinking sheet, cylinder, inclined plate, moving surface, moving vertical plate, cone immersed in the fluid have been studied. These mathematical models are commonly encountered in many studies in aerodynamic, chemical engineering, hydrodynamic, wind engineering and ocean engineering etc. The study of various effects like chemical reaction, viscous dissipation, magnetic effect, thermal radiation etc. have been made to study their effects on velocity, temperature and concentration. The quantities of physical interest viz. skin friction, Nusselt number and Sherwood number have also been calculated and their analysis included in the study. 140 pp. Englisch.



**READ ONLINE**  
[ 2.59 MB ]

### Reviews

*This publication will be worth purchasing. It is written in straightforward words and not hard to understand. I am just very happy to explain how here is the best ebook we have read in my own lifestyle and might be the best publication for at any time.*

-- **Devante Mante**

*This is the greatest book I have read through till now. It usually fails to charge excessive. You can expect to like how the blogger publishes this ebook.*

-- **Adan Dickinson**

## You May Also Like



### Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



### Programming in D

Ali Cehreliz 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



### Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without...



### Carmilla

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 140 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. Carmilla is a Gothic novella by Joseph Sheridan Le Fanu. First published in 1872, it tells the story of a...



### Aeschylus

BiblioLife. Paperback. Book Condition: New. This item is printed on demand. Paperback. 260 pages. Dimensions: 8.0in. x 5.0in. x 0.6in. This Translation of Aeschylus, an entirely new one, is designed as an Appendix to my edition of that Poet in the Bibliotheca...



### The TW treatment of hepatitis B road of hope(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2012-10-28 Pages: 119 Publisher: People's Medical Reading: All books are the Youth Pre-employment Training software download generated...