



# Computer Modelling of Heat and Fluid Flow in Materials Processing

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By C. P. Hong

Taylor & Francis Ltd. Paperback. Book Condition: new. BRAND NEW, Computer Modelling of Heat and Fluid Flow in Materials Processing, C. P. Hong, The understanding and control of transport phenomena in materials processing play an important role in the improvement of conventional processes and in the development of new techniques. Computer modeling of these phenomena can be used effectively for this purpose. Although there are several books in the literature covering the analysis of heat transfer and fluid flow, Computer Modelling of Heat and Fluid Flow in Materials Processing specifically addresses the understanding of these phenomena in materials processing situations. Written at a level suitable for graduate students in materials science and engineering and subjects, this book is ideal for those wishing to learn how to approach computer modeling of transport phenomena and apply these techniques in materials processing. The text includes a number of relevant case studies and each chapter is supported by numerous examples of transport modeling programs.



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