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(MoM), the finite element method (FEM), and the finite-difference time-domain (FDTD) method. Numerous monographs can be found addressing one of the above three methods. However, few give a broad general overview of essentials embodied in these methods, or were published too early to include recent advances. Furthermore, many existing monographs only present the final numerical results without specifying practical issues, such as how to convert discretized formulations into computer programs, and the numerical characteristics of the computer programs. In this book, the authors elaborate the above three methods in CEM using practical case studies, explaining their own research experiences along with a review of current literature. A full analysis is provided for typical cases, including characteristics of numerical methods, helping beginners to develop a quick and deep understanding of the essentials of CEM. . Outlines practical issues, such as how to convert discretized formulations into computer programs. Gives typical computer programs and their numerical characteristics along with line by line explanations of programs. Uses practical examples from the authors' own work as well as in the current literature. Includes exercise problems to give readers a better understanding of the material. Introduces the available commercial software and their limitationsThis book is intended for graduate-level students in antennas and propagation, microwaves, microelectronics, and electromagnetics. This text can also be used by researchers in electrical and electronic engineering, and software developers interested in writing their own code or understanding the detailed workings of code.Companion website for the book: www.wiley.com/go/sheng/cem.

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cultural production: joint ventures for change -- Chapter 9. Collaborations between arts, academia and activists on topics of migration -- Chapter 10. Refugees in a multimedia dialogue – a methodology that creates new narratives in a process of change -- Chapter 11. Beyond the spectacle of diversity: On art, audience engagement and social inclusion -- Chapter 12. Youth in the city: fostering transcultural leadership for social change.

Sommario/riassunto

This open access book links the artistic and cultural turn in migration studies to the larger struggle for narrative and cultural change in European migration societies. It proposes theoretical and methodological approaches that highlight how ideas of change expressed in artistic and cultural practices spread and lead to wider cultural change. The book also looks at the slow processes of change in large cultural institutions that emerged at a time when culture was nationalised. It explains how individual and group activities can have an impact beyond their immediate surroundings. Finally, the book discusses how migration researchers have cooperated with arts and cultural producers and used artistic means to increase the effect of their research in the wider public. As such, the book provides a great resource for graduate students and researchers in the social sciences and the humanities who have an interest in migration studies and want to move beyond interpreting the world towards changing it.
