

1. Record Nr.	UNINA9910790609203321
Autore	Wu Ellen D.
Titolo	The color of success : Asian Americans and the origins of the model minority // Ellen D. Wu
Pubbl/distr/stampa	Princeton, NJ : , : Princeton University Press, , [2014] ©2013
ISBN	0-691-16802-4 1-4008-4887-3
Edizione	[Course Book]
Descrizione fisica	1 online resource (376 p.)
Collana	Politics and Society in Modern America ; ; 100
Classificazione	HIS036060SOC031000POL004000SOC043000
Disciplina	305.895073
Soggetti	Asian Americans - Public opinion Asian Americans - Ethnic identity Asian Americans - Cultural assimilation Asian Americans - History - 20th century United States Politics and government 1945-1989 United States Race relations History 20th century United States Ethnic relations History 20th century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- Acknowledgments -- Introduction. Imperatives of Asian American Citizenship -- Part I. War and the Assimilating Other -- Chapter 1. Leave Your Zoot Suits Behind -- Chapter 2. How American Are We? -- Chapter 3. Nisei in Uniform -- Chapter 4. America's Chinese -- Part II. Definitely Not-Black -- Chapter 5. Success Story, Japanese American Style -- Chapter 6. Chinatown Offers Us a Lesson -- Chapter 7. The Melting Pot of the Pacific -- Epilogue. Model Minority/Asian American -- Notes -- Archival, Primary, and Unpublished Sources -- Index
Sommario/riassunto	The Color of Success tells of the astonishing transformation of Asians in the United States from the "yellow peril" to "model minorities"-- peoples distinct from the white majority but lauded as well-assimilated, upwardly mobile, and exemplars of traditional family values--in the middle decades of the twentieth century. As Ellen Wu shows, liberals

argued for the acceptance of these immigrant communities into the national fold, charging that the failure of America to live in accordance with its democratic ideals endangered the country's aspirations to world leadership. Weaving together myriad perspectives, Wu provides an unprecedented view of racial reform and the contradictions of national belonging in the civil rights era. She highlights the contests for power and authority within Japanese and Chinese America alongside the designs of those external to these populations, including government officials, social scientists, journalists, and others. And she demonstrates that the invention of the model minority took place in multiple arenas, such as battles over zoot suiters leaving wartime internment camps, the juvenile delinquency panic of the 1950's, Hawaii statehood, and the African American freedom movement. Together, these illuminate the impact of foreign relations on the domestic racial order and how the nation accepted Asians as legitimate citizens while continuing to perceive them as indelible outsiders. By charting the emergence of the model minority stereotype, *The Color of Success* reveals that this far-reaching, politically charged process continues to have profound implications for how Americans understand race, opportunity, and nationhood.

2. Record Nr.	UNINA9910822731503321
Autore	Liu G. R
Titolo	The finite element method : a practical course // G.R. Liu, School of Aerospace Systems, University of Cincinnati, USA, S.S. Quek, Institute of High Performance Computing, Singapore
Pubbl/distr/stampa	Oxford : , : Butterworth-Heinemann, , 2014
ISBN	0-08-099441-5
Edizione	[Second edition.]
Descrizione fisica	1 online resource (xxi, 433 pages) : illustrations (some color)
Collana	Gale eBooks
Disciplina	457
Soggetti	Finite element method
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Half Title; Title Page; Copyright; Dedication; Biography; Contents; Preface to the First Edition; 1 Computational Modeling; 1.1 Introduction; 1.2 Physical problems in engineering; 1.3 Computational modeling using FEM; 1.3.1 Modeling of the geometry; 1.3.2 Meshing; 1.3.3 Material or medium properties; 1.3.4 Boundary, initial, and loading conditions; 1.4 Solution procedure; 1.4.1 Discrete system equations; 1.4.2 Equation solvers; 1.5 Results visualization; 2 Briefing on Mechanics for Solids and Structures; 2.1 Introduction; 2.2 Equations for three-dimensional solids; 2.2.1 Stress and strain 2.2.2 Constitutive equations 2.2.3 Dynamic equilibrium equations; 2.2.4 Boundary conditions; 2.3 Equations for two-dimensional solids; 2.3.1 Stress and strain; 2.3.2 Constitutive equations; 2.3.3 Dynamic equilibrium equations; 2.4 Equations for truss members; 2.4.1 Stress and strain; 2.4.2 Constitutive equations; 2.4.3 Dynamic equilibrium equations; Solution; 2.5 Equations for beams; 2.5.1 Stress and strain; 2.5.2 Constitutive equations; 2.5.3 Moments and shear forces; 2.5.4 Dynamic equilibrium equations; 2.6 Equations for plates; 2.6.1 Stress and strain; 2.6.2 Constitutive equations 2.6.3 Moments and shear forces 2.6.4 Dynamic equilibrium equations; 2.6.5 Reissner-Mindlin plate; 2.7 Remarks; 2.8 Review questions; 3 Fundamentals for Finite Element Method; 3.1 Introduction; 3.2 Strong and weak forms: problem formulation; 3.3 Hamilton's principle: A weak formulation; 3.3.1 Hamilton's principle; 3.3.2 Minimum total potential

energy principle; 3.4 FEM procedure; 3.4.1 Domain discretization; 3.4.2 Displacement interpolation; 3.4.3 Standard procedure for constructing shape functions; 3.4.3.1 On the inverse of the moment matrix; 3.4.3.2 On the compatibility of the shape functions
3.4.3.3 On other means of construct shape functions
3.4.4 Properties of the shape functions; 3.4.5 Formulation of finite element equations in local coordinate system; 3.4.6 Coordinate transformation; 3.4.7 Assembly of global FE equation; 3.4.8 Imposition of displacement constraints; 3.4.9 Solving the global FE equation; 3.5 Static analysis; 3.6 Analysis of free vibration (eigenvalue analysis); 3.7 Transient response; 3.7.1 Central difference algorithm; 3.7.2 Newmark's method (Newmark, 1959); 3.8 Remarks; 3.8.1 Summary of shape function properties
3.8.2 Sufficient requirements for FEM shape functions
3.8.3 Recap of FEM procedure; 3.9 Review questions; 4 FEM for Trusses; 4.1 Introduction; 4.2 FEM equations; 4.2.1 Shape function construction; 4.2.2 Strain matrix; 4.2.3 Element matrices in the local coordinate system; 4.2.4 Element matrices in the global coordinate system; 4.2.4.1 Spatial trusses; 4.2.4.2 Planar trusses; 4.2.5 Boundary conditions; 4.2.6 Recovering stress and strain; 4.3 Worked examples; Exact solution; FEM solution; 4.3.1 Properties of the FEM; 4.3.1.1 Reproduction property of the FEM
4.3.1.2 Convergence property of the FEM

Sommario/riassunto

Written for practicing engineers and students alike, this book emphasizes the role of finite element modeling and simulation in the engineering design process. It provides the necessary theories and techniques of the FEM in a concise and easy-to-understand format and applies the techniques to civil, mechanical, and aerospace problems. Updated throughout for current developments in FEM and FEM software, the book also includes case studies, diagrams, illustrations, and tables to help demonstrate the material. Plentiful diagrams, illustrations and tables demonstrate the mat
