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Titolo	Coping with life and death [[electronic resource]] : Jewish families in the twentieth century / / edited by Peter Y. Medding
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Altri autori (Persone)	MeddingPeter
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Nota di contenuto	Contents; Symposium: Coping with Life and Death: Jewish Families in the Twentieth Century; The Place of Ethnic Identity in the Development of Personal Identity: A Challenge for the Jewish Family; Marriage, Americanization and American Jewish Culture, 1900-1920; Making Fragmentation Familiar: Barry Levinson's Avalon; The Economics of Contemporary American Jewish Family Life; Children of Intermarriage: How ""Jewish""?; What Happened to the Extended Jewish Family? Jewish Homes for the Aged in Eastern Europe; Cohesion and Rupture: The Jewish Family in East European Ghettos During the Holocaust The ""Family-Community"" Model in Haredi Society""We Are All One Bereaved Family"": Personal Loss and Collective Mourning in Israeli Society; Essays; Evangelists in a Strange Land: American Missionaries in

Israel, 1948-1967; Balfour's Mission to Palestine: Science, Strategy and Vision in the Inauguration of the Hebrew University; Review Essays; Vichy and the Jews: A Past That is Not Past; Mastering the Middle East: Israel in a Regional Context; Examining the Oslo Process: A First Cut; Book Reviews; Antisemitism, Holocaust and Genocide Randolph L. Braham (ed.), The Wartime System of Labor Service in Hungary: Varieties of Experiences Daniel Carpi, Between Mussolini and Hitler: The Jews and the Italian Authorities in France and Tunisia; Richard J. Golsan (ed.), Memory, the Holocaust, and French Justice: The Bousquet and Touvier Affairs; Lawrence D. Kritzman (ed.), Auschwitz and After: Race, Culture, and "The Jewish Question" in France; Lucien Lazare, Rescue as Resistance: How Jewish Organizations Fought the Holocaust in France (trans. Jeffrey M. Green); Gerald E. Markle, Meditations of a Holocaust Traveler Erik Markusen and David Kopf, The Holocaust and Strategic Bombing: Genocide and Total War in the 20th Century Raphael Posner (trans.), The Diary of Aaron Wilf: The Blood Soaked Saga of Skole; Shimon Redlich, War, Holocaust and Stalinism: A Documented Study of the Jewish Anti-Fascist Committee in the USSR; René Remond, Le ""Fichier juif"": Rapport de la commission presidée par René Remond au Premier ministre; Nathan Stoltzfus, Resistance of the Heart: Intermarriage and the Rosenstrasse Protest in Nazi Germany Tzvetan Todorov, A French Tragedy: Scenes of Civil War, Summer 1944 (trans. Mary Byrd Kelly) Richard H. Weisberg, Vichy Law and the Holocaust in France; History and the Social Sciences; Esther Benbassa, Hayahadut ha'otomanit bein hitma'aravut leziyonut 1908-1920 (Ottoman Jewry Between Westernisation and Zionism); Samuel C. Heilman, Portrait of American Jews: The Last Half of the Twentieth Century; Dagmar Herzog, Intimacy and Exclusion: Religious Politics in Pre-Revolutionary Baden; Wilma Abeles Iggers, The Jews of Bohemia and Moravia: A Historical Reader Matthew Frye Jacobson, Special Sorrows: The Diasporic Imagination of Irish, Polish and Jewish Immigrants in the United States

Sommario/riassunto

How has the Jewish family changed over the course of the twentieth century? How has it remained the same? How do Jewish families see themselves--historically, socially, politically, and economically--and how would they like to be seen by others? This book, the fourteenth volume of Oxford's internationally acclaimed *Studies in Contemporary Jewry* series, presents a variety of perspectives on Jewish families coping with life and death in the twentieth century. The book is comprised of symposium papers, essays, and review articles of works published on such fundamental subjects as the Holocaust, a

2. Record Nr.	UNINA9910143413703321
Autore	Krantz William B. <1939->
Titolo	Scaling analysis in modeling transport and reaction processes : a systematic approach to model building and the art of approximation / / William B. Krantz
Pubbl/distr/stampa	[New York] : , : AIChE Hoboken, N.J. : , : Wiley-Interscience, , [2007]
ISBN	1-280-91685-0 9786610916856 0-470-12193-9 0-470-12192-0
Descrizione fisica	1 online resource (547pages)
Disciplina	511.4 530.13/8
Soggetti	Transport theory - Mathematics Chemical reactions - Mathematical models Scaling laws (Statistical physics) Approximation theory Measurement Electronic books.
Lingua di pubblicazione	Inglese
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Nota di contenuto	SCALING ANALYSIS IN MODELING TRANSPORT AND REACTION PROCESSES; CONTENTS; Preface; Acknowledgments; 1 Introduction; 1.1 Motivation for Using Scaling Analysis; 1.2 Organization of the Book; 2 Systematic Method for Scaling Analysis; 2.1 Introduction; 2.2 Mathematical Basis for Scaling Analysis; 2.3 Order-of-One Scaling Analysis; 2.4 Scaling Alternative for Dimensional Analysis; 2.5 Summary; 3 Applications in Fluid Dynamics; 3.1 Introduction; 3.2 Fully Developed Laminar Flow; 3.3 Creeping- and Lubrication-Flow Approximations; 3.4 Boundary-Layer-Flow Approximation; 3.5 Quasi-Steady-State-Flow Approximation; 3.6 Flows with End and Sidewall Effects; 3.7 Free Surface Flow; 3.8 Porous Media Flow; 3.9

Compressible Fluid Flow; 3.10 Dimensional Analysis Correlation for the Terminal Velocity; 3.11 Summary; 3.E Example Problems; 3.P Practice Problems; 4 Applications in Heat Transfer; 4.1 Introduction; 4.2 Steady-State Heat Transfer with End Effects; 4.3 Film and Penetration Theory Approximations; 4.4 Small Biot Number Approximation; 4.5 Small Peclet Number Approximation; 4.6 Boundary-Layer or Large Peclet Number Approximation; 4.7 Heat Transfer with Phase Change 4.8 Temperature-Dependent Physical Properties 4.9 Thermally Driven Free Convection: Boussinesq Approximation; 4.10 Dimensional Analysis Correlation for Cooking a Turkey; 4.11 Summary; 4.E Example Problems; 4.P Practice Problems; 5 Applications in Mass Transfer; 5.1 Introduction; 5.2 Film Theory Approximation; 5.3 Penetration Theory Approximation; 5.4 Small Peclet Number Approximation; 5.5 Small Damkohler Number Approximation; 5.6 Large Peclet Number Approximation; 5.7 Quasi-Steady-State Approximation; 5.8 Membrane Permeation with Nonconstant Diffusivity 5.9 Solutally Driven Free Convection Due to Evapotranspiration 5.10 Dimensional Analysis for a Membrane-Lung Oxygenator; 5.11 Summary; 5.E Example Problems; 5.P Practice Problems; 6 Applications in Mass Transfer with Chemical Reaction; 6.1 Introduction; 6.2 Concept of the Microscale Element; 6.3 Scaling the Microscale Element; 6.4 Slow Reaction Regime; 6.5 Intermediate Reaction Regime; 6.6 Fast Reaction Regime; 6.7 Instantaneous Reaction Regime; 6.8 Scaling the Macroscale Element; 6.9 Kinetic Domain of the Slow Reaction Regime; 6.10 Diffusional Domain of the Slow Reaction Regime 6.11 Implications of Scaling Analysis for Reactor Design 6.12 Mass-Transfer Coefficients for Reacting Systems; 6.13 Design of a Continuous Stirred Tank Reactor; 6.14 Design of a Packed Column Absorber; 6.15 Summary; 6.P Practice Problems; 7 Applications in Process Design; 7.1 Introduction; 7.2 Design of a Membrane Lung Oxygenator; 7.3 Pulsed Single-Bed Pressure-Swing Adsorption; 7.4 Thermally Induced Phase-Separation Process; 7.5 Fluid-Wall Aerosol Flow Reactor for Hydrogen Production; 7.6 Summary; 7.P Practice Problems; Appendix A Sign Convention for the Force on a Fluid Particle Appendix B Generalized Form of the Transport Equations

Sommario/riassunto

This book is unique as the first effort to expound on the subject of systematic scaling analysis. Not written for a specific discipline, the book targets any reader interested in transport phenomena and reaction processes. The book is logically divided into chapters on the use of systematic scaling analysis in fluid dynamics, heat transfer, mass transfer, and reaction processes. An integrating chapter is included that considers more complex problems involving combined transport phenomena. Each chapter includes several problems that are explained in considerable detail. These are followed by se