1. Record Nr. UNINA9910140280303321

Autore	Sarge Stefan Mathias
Titolo	Calorimetry : fundamentals, instrumentation and applications / / Stefan M. Sarge, Gunther W. H. Hohne and Wolfgang Hemminger
Pubbl/distr/stampa	Weinheim, Germany : , : Wiley-VCH Verlag, , 2014 ©2014
ISBN	3-527-64938-7 3-527-64936-0 3-527-64939-5
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (300 p.)
Disciplina	535.6
Soggetti	Calorimeters Calorimetry Combustion - Measurement Thermal analysis
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	Calorimetry: Fundamentals, Instrumentation and Applications; Contents; Preface; List of Quantities and Units; Introduction: Calorimetry: Definition, Application Fields and Units; Definition of Calorimetry; Application Fields for Calorimetry; First Example from Life Sciences; Second Example from Material Science; Third Example from Legal Metrology; Units; Further Reading; References; Part One: Fundamentals of Calorimetry; 1 Methods of Calorimetry; 1.1 Compensation of the Thermal Effect; 1.1.1 Compensation by a Phase Transition; 1.1.2 Compensation by Electric Effects 1.2 Measurement of Temperature Differences 1.2.1 Measurement of Time-Dependent Temperature Differences; 1.2.2 Measurement of Local Temperature Differences; 1.2.2.1 First Example: Flow Calorimeter; 1.2.2.2 Second Example: Heat Flow Rate Calorimeter; 1.3 Summary of Measuring Principles; References; 2 Measuring Instruments; 2.1 Measurement of Amount of Substance; 2.1.1 Weighing; 2.1.2 Volume Measurement; 2.1.3 Pressure Measurement; 2.1.4 Flow Measurement; 2.2 Measurement of Electric Quantities; 2.3 Measurement of

Temperatures; 2.3.1 Thermometers; 2.3.1.1 Liquid-in-Glass Thermometers
2.3.1.2 Gas Thermometers 2.3.1.3 Vapor Pressure Thermometers; 2.3.1.4 Resistance Thermometers; 2.3.1.5 Semiconductors; 2.3.1.6 Pyrometers; 2.3.2 Thermocouples; 2.4 Chemical Composition; References; 3 Fundamentals of Thermodynamics; 3.1 States and Processes; 3.1.1 Thermodynamic Variables (Functions of State); 3.1.2 Forms of Energy, Fundamental Form, and Thermodynamic Potential Function; 3.1.2.1 Fundamental Form; 3.1.2.2 Thermodynamic Potential Function; 3.1.3 Equilibrium; 3.1.4 Reversible and Irreversible Processes; 3.1.5 The Laws of Thermodynamics; 3.1.5.1 The Zeroth Law; 3.1.5.2 The First Law
3.1.5.3 The Second Law 3.1.5.4 The Third Law; 3.1.6 Measurement of Thermodynamic State Functions; 3.2 Phases and Phase Transitions; 3.2.1 Multiphase Systems; 3.2.2 Phase Transitions; 3.2.3 Gibbs Phase Rule; 3.2.4 Measurement of Variables of State during Phase Transitions; References; 4 Heat Transport Phenomena; 4.1 Heat Conduction; 4.2 Convection; 4.3 Heat Radiation; 4.4 Heat Transfer; 4.5 Entropy Increase during Heat Exchange; 4.6 Conclusions Concerning Calorimetry; References; 5 Surroundings and Operating Conditions; 5.1 The Isothermal Condition; 5.2 The Isoperibol Condition
5.3 The Adiabatic Condition 5.4 The Scanning Condition; Reference; 6 Measurements and Evaluation; 6.1 Consequences of Temperature Relaxation within the Sample; 6.1.1 First Example: Chemical Reaction; 6.1.2 Second Example: Biological System; 6.1.3 Third Example: First-Order Phase Transitions; 6.2 Typical Results from Different Calorimeters; 6.2.1 Adiabatic Calorimeters; 6.2.2 Isoperibol Calorimeters; 6.2.3 Differential Scanning Calorimeters; 6.3 Reconstruction of the True Sample Heat Flow Rate from the Measured Function; 6.3.1 Reconstruction of the Temperature Field for Negative Times
6.3.2 The Convolution Integral and Its Validity

Sommario/riassunto

Clearly divided into three parts, this practical book begins by dealing with all fundamental aspects of calorimetry. The second part looks at the equipment used and new developments. The third and final section provides measurement guidelines in order to obtain the best results. The result is optimized knowledge for users of this technique, supplemented with practical tips and tricks.

2. Record Nr. UNINA9910897988303321

Autore	Pintore Amanda
Titolo	Theatre and Dance with Children as Artistic Partners : Devising Performance for the Very Young / / by Amanda Pintore
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Palgrave Macmillan, , 2024
ISBN	9783031688232 3031688236
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (261 pages)
Disciplina	700.71
Soggetti	Art - Study and teaching Early childhood education Performing arts Theater Social service Creativity and Arts Education Early Childhood Education Practice-as-Research Theatre and Performance Arts Children and Youth Work
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. An Introduction to Theatre and Dance for the Very Young -- Chapter 2. Collaboration Through Creative Research -- Chapter 3. Strategies for Project Design -- Chapter 4. Analyzing Creative Research -- Chapter 5. The Devising Process -- Chapter 6. Performance as Research -- Chapter 7. Evolving and Modifying TDVY Approaches -- Chapter 8. Two Questions and a Spark.
Sommario/riassunto	This book offers a methodological framework for developing research-based Theatre and Dance for the Very Young (TDVY) performances in which artists collaborate with children ages 0-6 and their caregivers and/or educators as creative partners in the process. It provides a detailed investigation of all stages of the work including: designing and

executing a creative research plan, analyzing tools for assessment, using research results as the foundation of a devising process, and outcomes for final performances for this age range. This process reflects on years of creative research with very young children, the results of which include methods for building collaborative performances with a variety of institutions such as early childhood centers, universities, community spaces, and non-profit arts organizations. The main themes addressed in this book are innovative methods for devising and collaboration, the translation of research into performance, and the integral bonds between early childhood development and artistic experiences. Amanda Pintore (she/her) is a director, choreographer, and educator focusing on movement and dance education, devised theatre, and making theatre and dance performances with and for 0-6 year olds. She is a Fulbright Specialist and Assistant Professor in Theatre for Youth and Community and Acting at Arizona State University, USA.

3. Record Nr. UNISA996667361303316

Autore	SAPELLI, Giulio
Titolo	Coop : il futuro dell'impresa cooperativa / Giulio Sapelli
Pubbl/distr/stampa	Torino, : Einaudi, 2006
ISBN	88-06-18606-X
Descrizione fisica	105 p. ; 22 cm
Collana	Gli struzzi Einaudi ; 620
Disciplina	334.0945
Soggetti	Cooperative - Italia
Collocazione	XVI.7.D. 514
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia