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Autore	Smithells Colin J (Colin James)
Titolo	Smithells metals reference book [[electronic resource] /] / edited by W. F. Gale, T.C. Totemeier
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Altri autori (Persone)	GaleW. F (William Francis) TotemeierT. C (Terry C.)
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Soggetti	Metallurgy Metals Electronic books.
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Nota di contenuto	Cover; Smithells Metals Reference Book; Contents; Preface; Acknowledgements; Disclaimer; Contributors; 1 Related designations; References; 2 Introductory tables and mathematical information; 2.1 Conversion factors; 2.1.1 SI units; Printed form of units and numbers; Heading of columns in tables and labelling of groups; Temperatures; 2.1.2 Temperature scale conversions; 2.2 Mathematical formulae and statistical principles; 2.2.1 Algebra; Identities; Ratio and proportion; Logarithms; The quadratic equation; The cubic equation; 2.2.2 Series and progressions; Numerical series Arithmetic Progression Geometric progression; Taylor's series; Maclaurin's series; Binomial series; Logarithmic series; Exponential series; Trigonometric series; Series for hyperbolic functions; 2.2.3 Trigonometry; Definitions and simple relationships; Radian measure; Compound angles; Properties of triangles; Hyperbolic functions; 2.2.4 Mensuration; Plane figures; Solid figures; 2.2.5 Co-ordinate geometry (two dimensions, rectangular axes); Straight line; Triangle; Circle; Ellipse; Parabola; Hyperbola; 2.2.6 Calculus; Differentials; Integrals; Elementary forms; Differential equations

Equations of the first order 2.2.7 Introduction to statistics; 2.2.7.1 Introduction and cross-references; 2.2.7.2 Descriptive statistics; Measures of centre; Measures of variability; Histogram; The boxplot; Laws of probabilities; Permutations; Combinations; Random variables and their frequency functions; The binomial PMF; The poisson distribution; Continuous frequency functions; The uniform pdf; The Normal (or Gaussian) distribution $N(\mu, \sigma^2)$; The percentiles of a Normal distribution; The reproductive property of the Normal distribution; The Central Limit Theorem (CLT) The Normal approximation to the binomial The exponential pdf; 2.2.7.3 Statistical inference; Properties of point estimators; Sampling distributions of statistics with underlying normal parent populations; Confidence intervals for one parameter of a normal Universe; Confidence intervals for parameters of two normal Universes; 2.2.7.4 Statistical Process Control (SPC); Shewhart control charts for variables; S- and x-charts; Shewhart control chart for fraction nonconforming (The P-chart); Shewhart control chart for number of nonconformities per unit (The u-chart)

3 General physical and chemical constants 3.1 Radioactive isotopes and radiation sources; References; 4 X-ray analysis of metallic materials; 4.1 Introduction and cross references; 4.2 Excitation of X-rays; 4.2.1 X-ray wavelengths; 4.3 X-ray techniques; 4.3.1 X-ray diffraction; 4.3.1.1 Experimental methods; 4.3.1.2 Accessory attachments for diffractometers; 4.3.2 Specific applications; 4.3.2.1 Phase identification and quantitative measurements; 4.3.2.2 Determination of retained austenite in steel; 4.3.2.3 X-ray residual stress measurements; Measurement of microstresses 4.3.2.4 Preferred orientation

Sommario/riassunto

Smithells is the only single volume work which provides data on all key aspects of metallic materials. Smithells has been in continuous publication for over 50 years. This 8th Edition represents a major revision. Four new chapters have been added for this edition. These focus on; * Non conventional and emerging materials - metallic foams, amorphous metals (including bulk metallic glasses), structural intermetallic compounds and micro/nano-scale materials. * Techniques for the modelling and simulation of metallic materials. * Supporting technologies for the processing

2. Record Nr.	UNINA9910792025303321
Autore	Greenfield Susan C
Titolo	Mothering daughters [[electronic resource]] : novels and the politics of family romance : Frances Burney to Jane Austen / / Susan C. Greenfield
Pubbl/distr/stampa	Detroit, : Wayne State University Press, 2003
ISBN	0-8143-3828-3
Descrizione fisica	1 online resource (230 p.)
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Soggetti	English fiction - Women authors - History and criticism Mothers and daughters in literature Women and literature - Great Britain - History - 18th century Women and literature - Great Britain - History - 19th century English fiction - 18th century - History and criticism English fiction - 19th century - History and criticism Feminist fiction, English - History and criticism Domestic fiction, English - History and criticism Motherhood in literature Mothers in literature Families in literature
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	"The lovely resemblance of her lovely mother": Evelina and later novels -- Gothic mothers and homoerotic desire: incestuous longing in the Italian -- The maternal bosom: sexual difference and custody in the wrongs of woman; or, Maria -- The maternal bosom: sexual and colonial difference in Belinda -- Mother, daughter, and mulatto: women's exchange in Adeline Mowbray -- The riddle of Emma: maternity and the unconscious.

3. Record Nr.	UNINA9910955545403321
Autore	Frayn K. N (Keith N.)
Titolo	Metabolic regulation : a human perspective / / Keith N. Frayn
Pubbl/distr/stampa	Chichester, West Sussex ; ; Malden, MA, : Blackwell, 2010
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Nota di contenuto	Cover -- Title Page -- Copyright -- Contents -- Preface -- List of Abbreviations -- 1. The Underlying Principles of Human Metabolism -- 1.1 Metabolic Regulation in Perspective -- 1.2 The Chemistry of Food - and of Bodies -- 1.2.1 Some Important Chemical Concepts -- 1.2.1.1 Polarity -- 1.2.1.2 Osmosis -- 1.2.2 The Chemical Characteristics of Macronutrients -- 1.2.2.1 Carbohydrates -- 1.2.2.2 Fats -- 1.2.2.3 Proteins -- 1.3 Some Physiological Concepts -- 1.3.1 Circulation, Capillaries, Interstitial Fluid -- 1.3.2 Blood, Blood Plasma and Serum -- 1.3.3 Lymph and Lymphatics -- Further Reading -- 2. Cellular Mechanisms Involved in Metabolic Regulation -- 2.1 How is Metabolic Regulation Achieved? -- 2.2 Metabolic Regulation Brought About by the Characteristics of Tissues -- 2.2.1 Movement of Substances Across Membranes -- 2.2.1.1 Glucose Transport -- 2.2.1.2 Amino Acids -- 2.2.1.3 Fatty Acids -- 2.2.1.4 Cholesterol -- 2.2.1.5 Small Polar Molecules -- 2.2.1.6 Water and Glycerol -- 2.3 Hormones and Short-Term Control of Enzyme Activity -- Further Reading -- 3. Digestion and Intestinal Absorption -- 3.1 The Strategy of Digestion -- 3.1.1 Carbohydrates -- 3.1.2 Fats -- 3.1.3 Proteins and Amino Acids -- 3.2 Stages of Digestion -- 3.2.1 The Mouth -- 3.2.2 The Stomach -- 3.2.2.1 General Description -- 3.2.2.2 Regulation of Digestive Processes in the Stomach -- 3.2.2.3 Digestive Processes in the Stomach -- 3.2.3 The Small Intestine -- 3.2.3.1 General Description -- 3.2.3.2

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11.1 Different Types of Diabetes.

Sommario/riassunto

The important Third Edition of this successful book conveys a modern and integrated picture of metabolism and metabolic regulation. Explaining difficult concepts with unequalled clarity, author Keith Frayn provides the reader with an essential guide to the subject. Covering topics such as energy balance, body weight regulation and how the body copes with extreme situations, this book illustrates how metabolic regulation allows the human body to adapt to many different conditions. Changes throughout the new edition include: Extensive chapter updates Clear and accessible 2-color diagrams Q&A sections online at www.wiley.com/go/frayn to facilitate learning Frayn has written a book which will continue to be an extremely valuable tool for scientists, practitioners and students working and studying across a broad range of allied health sciences including medicine, biochemistry, nutrition, dietetics, sports science and nursing.
