1. Record Nr. UNINA990006106490403321

Titolo	Opere di consultazione, con particolare attenzione all'Africa, della Facoltà di Scienze Politiche dell'Università degli Studi di Napoli Federico II / [a cura di] Liliana Mosca
Pubbl/distr/stampa	Napoli : s.n., 1991 ((Napoli), C.S.L.
Descrizione fisica	91 p. ; 24 cm
Disciplina	016.096
Locazione	FGBC FSPBC
Collocazione	XIX A 126 XIV E 3519
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910511992503321

Titolo	Education in Southern Africa / / [edited by] Clive Harber
Pubbl/distr/stampa	London : , : Bloomsbury Academic, , 2013
ISBN	1-4725-4447-1 1-78402-761-8 1-62356-109-4
Descrizione fisica	1 online resource (281 p.)
Collana	Education Around the World
Disciplina	370.968
Soggetti	Education and state - South Africa Education - South Africa
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	Series Editor's Preface, Colin Brock (University of Durham, UK) -- 1. Education in Southern Africa: Patterns and Issues, Clive Harber (University of Birmingham, UK and University of South Africa, South Africa) -- 2. Botswana: Aspects of General Education, Richard Tabulawa (University of Botswana, Botswana) and Nkobi O. Pansiri (University of Botswana, Botswana) -- 3. Lesotho: Organization, Structures and Challenges, Mapheleba Lekhetho (University of South Africa, South Africa) -- 4. Madagascar: From Political Divisionism to Unified Development, Carrie Antal (USAID, Rwanda) and Romain Kleber Ndrianjafy (Ministry of Education, Madagascar) -- 5. Malawi: Contemporary and Critical Issues, Gregory Kamwendo (University of KwaZulu-Natal, South Africa) -- 6. Mozambique: Binding Quantitative and Qualitative Goals, Feliciano Chimbutane (Universidade -- Eduardo Mondlane, Mozambique) -- 7. Namibia: An Overview of System Reform, G. N. Likando (University of Namibia, Namibia) and Charl Wolhuter (North-West University, South Africa) -- 8. South Africa: Educational Reform - Curriculum, Governance and Teacher Education, Vusi S. Mncube (University of South Africa, South Africa) and Nomanesi Madikizela-Madiya (University of South Africa, South Africa) -- 9. South Africa: Making Post-Apartheid Rights into Realities, Shireen Motala (University of Johannesburg, South Africa) -- 10. Swaziland: Access,

	Quality and Relevance, Edmund Zizwe Mazibuko (University of Swaziland, Swaziland) -- 11. Zimbabwe: From Education Reform to Political Instability, Aaron T. Sigauke (University of New -- England, Australia) -- Index
Sommario/riassunto	Education in Southern Africa is a comprehensive critical reference guide to education in the region. With chapters written by an international team of leading regional education experts, the book explores the education systems of each country in the region. With chapters covering Botswana, Lesotho, Madagascar, Mozambique, Namibia, South Africa, Swaziland and Zimbabwe, the book critically examines the development of education provision in each country as well as local and global contexts. Including a comparative introduction to the issues facing education in the region as a whole and guides to available online datasets, this handbook will be an essential reference for researchers, scholars, international agencies and policy-makers at all levels

3.

Record Nr.	UNINA9910829959303321
Autore	Kindmann Rolf
Titolo	Steel structures [[electronic resource]] : design using FEM / / Rolf Kindmann, Matthias Kraus
Pubbl/distr/stampa	Berlin, : Wilhelm Ernst & Sohn, c2011
ISBN	3-433-60126-7 1-280-66281-6 9786613639745 3-433-60125-9 3-433-60077-5
Descrizione fisica	1 online resource (554 p.)
Altri autori (Persone)	KrausMatthias
Disciplina	624.1/821 624.1821
Soggetti	Building, Iron and steel Structural design 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 (p. [528]-533) and index.
Nota di contenuto	Title Page; Table of Content; 1 Introduction; 1.1 Verification Methods; 1.2 Methods to Determine the Internal Forces and Moments; 1.3 Element Types and Fields of Application; 1.4 Linear and Nonlinear Calculations; 1.5 Designations and Assumptions; 1.6 Fundamental Relationships; 1.7 Limit States and Load Combinations; 1.8 Introductory Example; 1.9 Content and Outline; 1.10 Computer Programs; 2 Cross Section Properties; 2.1 Overview; 2.2 Utilisation of Symmetry Properties; 2.3 Standardisation Part I: Centre of Gravity, Principal Axes and Moments of Inertia 2.4 Calculation of Standardised Cross Section Properties Part I2.4.1 Separation of the Cross Section into Partial Areas; 2.4.2 Partial Areas of Thin-Walled Rectangles; 2.4.3 Basic Cross Sections and Elementary Compound Cross Section Shapes; 2.4.4 Tabular Calculation of Cross Section Properties; 2.4.5 Numeric Integration / Fibre and Stripe Model; 2.5 Standardisation Part II: Shear Centre, Warping Ordinate and Warping Constant; 2.6 Warping Ordinate; 2.7 Shear Centre M; 3 Principles of FEM; 3.1 General Information; 3.2 Basic Concepts and Methodology; 3.3 Progress of the Calculations 3.4 Equilibrium3.4.1 Preliminary Remarks; 3.4.2 Virtual Work Principle; 3.4.3 Principle of Minimum of Potential Energy; 3.4.4 Differential Equations; 3.5 Basis Functions for the Deformations; 3.5.1 General; 3.5.2 Polynomial Functions for Beam Elements; 3.5.3 Trigonometric and Hyperbolic Functions for Beam Elements; 3.5.4 Basis Functions for Plate Buckling; 3.5.5 One-Dimensional Functions for Cross Sections; 3.5.6 Two-Dimensional Functions for Cross Sections; 4 FEM for Linear Calculations of Beam Structures; 4.1 Introduction; 4.2 Beam Elements for Linear Calculations 4.2.1 Linking Deformations to Internal Forces and Moments4.2.2 Axial Force; 4.2.3 Bending; 4.2.4 Torsion; 4.2.5 Arbitrary Stresses; 4.3 Nodal Equilibrium in the Global Coordinate System; 4.4 Reference Systems and Transformations; 4.4.1 Problem; 4.4.2 Beam Elements in the X-Z Plane; 4.4.3 Beam Elements in a Three-Dimensional X-Y-Z COS; 4.4.4 Loads; 4.4.5 Warping Moment and Derivative of the Angle of Twist; 4.4.6 Finite Elements for Arbitrary Reference Points; 4.5 Systems of Equations; 4.5.1 Aim; 4.5.2 Total Stiffness Matrix; 4.5.3 Total Load Vector; 4.5.4 Geometric Boundary Conditions 4.6 Calculation of the Deformations4.7 Determination of the Internal Forces and Moments; 4.8 Determination of Support Reactions; 4.9 Loadings; 4.9.1 Concentrated Loads; 4.9.2 Distributed Loads; 4.9.3 Settlements; 4.9.4 Influences of Temperature; 4.10 Springs and Shear Diaphragms; 5 FEM for Nonlinear Calculations of Beam Structures; 5.1 General; 5.2 Equilibrium at the Deformed System; 5.3 Extension of the Virtual Work; 5.4 Nodal Equilibrium with Consideration of the Deformations; 5.5 Geometric Stiffness Matrix; 5.6 Special Case: Bending with Compression or Tension Force 5.7 Initial Deformations and Equivalent Geometric Imperfections
Sommario/riassunto	This book presents the design of steel structures using finite element methods (FEM)according to the current state of the art in Germany and the rest of Europe. After a short introduction on the basics of the design, this book illustrates the FEM with a focus on internal forces, displacements, critical loads and modal shapes. Next to finite element procedures for linear calculations considering the stress states of normal force, biaxial bending and warping torsion, non-linear calculations and the stability cases of flexural buckling, lateral torsional buckling and plate buckling are concentrat