1. Record Nr. UNINA990002113020403321

Autore	Hobbs, Jill
Titolo	The trasformation of the Agrifood System incentral and Eastern Europe and the New Independent States / Jill E. Hobbs, William A. Kerr and James D. Gaisford
Pubbl/distr/stampa	Oxon : CAB INTERNATIONAL, 1997
ISBN	0-85199-176-9
Descrizione fisica	xvi, 394 p. ; 23 cm
Locazione	DAGEA
Collocazione	62 338.439 HOB
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910457370003321

Autore	An-Na'im Abdullahi Ahmed
Titolo	African Constitutionalism and the Role of Islam / / Abdullahi Ahmed An-Na'im
Pubbl/distr/stampa	Philadelphia : , : University of Pennsylvania Press, , [2010] ©2007
ISBN	1-283-21140-8 9786613211408 0-8122-0111-6
Descrizione fisica	xii, 199 p
Collana	Pennsylvania Studies in Human Rights
Disciplina	342.6
Soggetti	Islam and state Constitutional law (Islamic law) Constitutional law - Africa - Philosophy Constitutional law - Africa Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p.187-194) and index.
Nota di contenuto	Frontmatter -- Contents -- Preface -- Chapter 1. Toward an Inclusive Theory of Constitutionalism -- Chapter 2. Elements of African Constitutionalism -- Chapter 3. Evaluating Experiences in Incremental Success -- Chapter 4. The Contingent Role of Islam -- Chapter 5. Islam and Constitutionalism in Sudan, Nigeria, and Senegal -- Chapter 6. Conclusions: Sustainable Constitutionalism Through Practice -- References -- Index
Sommario/riassunto	Constitutionalism is steadily becoming the prevalent form of governance in Africa. But how does constitutionalism deal with the lingering effects of colonialism? And how does constitutional law deal with Islamic principles in the region? African Constitutionalism and the Role of Islam seeks to answer these questions. Constitutional governance has not been, nor will be, easily achieved, Abdullahi Ahmed An-Na'im argues. But setbacks and difficulties are to be expected in the process of adaptation and indigenization of an essentially alien concept-that of of nation-state-and its role in large-scale political and social organization.An-Na'im discusses the problems of implementing constitutionalized forms of government specific to Africa, from definitional to conceptual and practical issues. The role of Islam in these endeavors is open to challenge and reformulation, and should not be taken for granted or assumed to be necessarily negative or positive, An-Na'im asserts, and he emphasizes the role of the agency of Muslims in the process of adapting constitutionalism to the values and practices of their own societies. By examining the incremental successes that some African nations have already achieved and An-Na'im reveals the contingent role that Islam has to play in this process. Ultimately, these issues will determine the long-term sustainability of constitutionalism in Africa.

3. Record Nr. UNINA9910823353003321

Autore	Jebahi Mohamed
Titolo	Discrete element model and simulation of continuous materials behavior set . Volume 1 Discrete element method to model 3D continuous materials / / Mohamed Jebahi [and three others]
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ISBN	1-119-10275-8 1-119-10304-5 1-119-10291-X
Descrizione fisica	1 online resource (198 p.)
Collana	Numerical Methods in Engineering Series
Disciplina	620.11015118
Soggetti	Materials - Mathematical models Discrete element method
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title Page; Copyright; Contents; List of Figures; List of Tables; Preface; Introduction; I.1. Toward discrete element modeling of continuous materials; I.2. Scope and objective; I.3. Organization; 1: State of the Art: Discrete Element Modeling; 1.1. Introduction; 1.2. Classification of discrete methods; 1.2.1. Quantum mechanical methods; 1.2.2. Atomistic methods; 1.2.3. Mesoscopic discrete methods; 1.2.3.1. Lattice methods; 1.2.3.2. Smooth contact particle methods; 1.2.3.3. Non-smooth contact particle models; 1.2.3.4. Hybrid lattice-particle models 1.3. Discrete element method for continuous materials1.4. Discrete-continuum transition: macroscopic variables; 1.4.1. Stress tensor for discrete systems; 1.4.2. Strain tensor for discrete systems; 1.4.2.1. Equivalent continuum strains; 1.4.2.2. Best-fit strains; 1.4.2.3. Satake strain; 1.5. Conclusion; 2: Discrete Element Modeling of Mechanical Behavior of Continuous Materials; 2.1. Introduction; 2.2. Explicit dynamic algorithm; 2.3. Construction of the discrete domain; 2.3.1. The cooker compaction algorithm; 2.3.1.1. Stopping criterion of compaction process; 2.3.1.2. Filling process

2.3.1.3. Overlapping removing2.3.2. Geometrical characterization of the discrete domain; 2.3.2.1. Geometrical isotropy and granulometry; 2.3.2.2. Average coordination number; 2.3.2.3. Discrete domain fineness; 2.4. Mechanical behavior modeling; 2.4.1. Cohesive beam model; 2.4.1.1. Analytical model; 2.4.1.2. Strain energy computation; 2.4.2. Calibration of the cohesive beam static parameters; 2.4.2.1. Quasistatic tensile test description; 2.4.2.1.1. From discrete to continuous geometry; 2.4.2.1.2. Loading; 2.4.2.1.3. EM and M computation; 2.4.2.2. Parametric study
2.4.2.2.1. Microscopic Poisson's ratio influence2.4.2.2.2. Microscopic Young's modulus influence; 2.4.2.2.3. Microscopic radius ratio influence; 2.4.2.3. Calibration method for static parameters; 2.4.2.4. Convergence study; 2.4.2.5. Validation; 2.4.3. Calibration of the cohesive beam dynamic parameters; 2.4.3.1. Calibration method for dynamic parameters; 2.4.3.2. Validation; 2.5. Conclusion; 3: Discrete Element Modeling of Thermal Behavior of Continuous Materials; 3.1. Introduction; 3.2. General description of the method; 3.2.1. Characterization of field variable variation in discrete domain
3.2.2. Application to heat conduction3.3. Thermal conduction in 3D ordered discrete domains; 3.4. Thermal conduction in 3D disordered discrete domains; 3.4.1. Determination of local parameters for each discrete element; 3.4.2. Calculation of discrete element transmission surface; 3.4.3. Calculation of local volume fraction; 3.4.4. Interactions between each discrete element and its neighbors; 3.5. Validation; 3.5.1. Cylindrical beam in contact with a hot plane; 3.5.2. Dynamically heated sheet; 3.6. Conclusion; 4: Discrete Element Modeling of Brittle Fracture; 4.1. Introduction
4.2. Fracture model based on the cohesive beam bonds

Sommario/riassunto

Complex behavior models (plasticity, cracks, visco elascticity) face some theoretical difficulties for the determination of the behavior law at the continuous scale. When homogenization fails to give the right behavior law, a solution is to simulate the material at a meso scale in order to simulate directly a set of discrete properties that are responsible of the macroscopic behavior. The discrete element model has been developed for granular material. The proposed set shows how this method is capable to solve the problem of complex behavior that are linked to discrete meso scale effects.