

1. Record Nr.	UNISA996465889503316
Titolo	Changing Television Environments [[electronic resource]] : 6th European Conference, EuroITV 2008, Salzburg, Austria, July 3-4, 2008, Proceedings / edited by Manfred Tscheligi, Marianna Obrist, Arthur Lugmayr
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	3-540-69478-1
Edizione	[1st ed. 2008.]
Descrizione fisica	1 online resource (XV, 324 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 5066
Disciplina	005.437 4.019
Soggetti	User interfaces (Computer systems) Application software Multimedia information systems Computer graphics User Interfaces and Human Computer Interaction Information Systems Applications (incl. Internet) Multimedia Information Systems Computer Graphics Computer Appl. in Arts and Humanities
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 and index.
Nota di contenuto	Interactive TV -- Interactive Television - A Brief Media History -- Interactive Narratives: Exploring the Links between Empathy, Interactivity and Structure -- The Rise and Fall of Juan Perez: Key Pressing Behaviour and Children's Responses to Interactive Television -- Interactive Authoring -- From Time-Shift to Shape-Shift: Towards Nonlinear Production and Consumption of News -- ShapeShifting Documentary: A Golden Age -- HyLive: Hypervideo-Authoring for Live Television -- Composer: Authoring Tool for iTV Programs -- Ubiquitous Interactive Video Editing Via Multimodal Annotations -- Personalisation and Recommender Systems -- Unobtrusive Dynamic

Modelling of TV Program Preferences in a Household -- An Ethnographic Study on Recommendations in the Living Room: Implications for the Design of iTV Recommender Systems -- Recommender System for the Multi-channel TV Production -- A New Approach for a Lightweight Multidimensional TV Content Taxonomy: TV Content Fingerprinting -- Modeling Moods in BBC Programs Based on Emotional Context -- Predicting Future User Behaviour in Interactive Live TV -- Mobile TV -- Does Mobile Television Challenge the Dimension of Viewing Television? An Explorative Research on Time, Place and Social Context of the Use of Mobile Television Content -- Relax or Study?: A Qualitative User Study on the Usage of Mobile TV and Video -- Live @ Dublin – Mobile Phone Live Video Group Communication Experiment -- A Lightweight Mobile TV Recommender -- Social TV -- Local Communities: Back to Life (Live) Through IPTV -- PresenceRemote: Embracing Ambiguity in the Design of Social TV for Senior Citizens -- Investigating the Use of Voice and Text Chat in a Social Television System -- New TV Environments -- Usages of the Secondary Screen in an Interactive Television Environment: Control, Enrich, Share, and Transfer Television Content -- An Experimental Platform Based on MCE for Interactive TV -- Interactive Coffee Tables: Interfacing TV within an Intuitive, Fun and Shared Experience -- YouTube3D: Accessing Web Video Streams through a 3D Interface -- iTV Architectures and Systems -- ZapTV: Personalized User-Generated Content for Handheld Devices in DVB-H Mobile Networks -- Prototyping Interactive and Personalized IPTV-Services on Top of Open IMS Infrastructures -- A Software Component for Content Management and Delivery to Mobile Phones and Digital Television -- Development of a Generic XML Personality Metadata Handler for Distributed Entertainment Services -- EMTV – A Component-Based DTV Middleware Extension for Educational Purposes -- DVB Service Security—A Problem in Development of Multi-service Television -- User Interfaces and Interaction Design -- Where Have You Ended Up Today? Dynamic TV and the Inter-tainment Paradigm -- Media Space Navigator: Navigating Video Content on IPTV Portals -- An Adaptive Cartography of DTV Programs -- Electronic Programme Guide Design for Preschool Children -- Interaction Design in Television Voting: A Usability Study on Music TV and Input Devices -- User Studies -- What You Expect Is What You See -- 'I Want My HDTV'? Underlying Factors of Perceived Usefulness for High Definition Television -- Prospecting the Appropriation of the Digital TV in a Brazilian Project -- Usability & User Experience: Preliminary Results from Evaluating an IPTV Community Platform -- Accessibility -- iTV as a Platform for Rich Multimedia Reminders for People with Dementia -- A Comparative Study of Remote Controls for Digital TV Receivers.

---

#### Sommario/riassunto

This book constitutes the refereed proceedings of the 6th European Conference on Interactive Television, EuroITV 2008, held in Salzburg, Austria, in July 2008. The 42 revised full papers were carefully reviewed and selected from 156 submissions. The contributions cover significant aspects of the interactive television domain including submissions on user studies, technical challenges related to new developments as well as new kind of formats. The papers are organized in topical sections on interactive TV, interactive authoring, personalisation and recommender systems, mobile TV, social TV, new TV environments, iTV architectures and systems, user interfaces and interaction design, user studies, and accessibility.

---

2. Record Nr.	UNINA9911007090303321
Autore	Christensen Richard M
Titolo	Mechanics of Composite Materials
Pubbl/distr/stampa	Newburyport, : Dover Publications, 2012
ISBN	9780486136660 0486136663 9781621985730 1621985733
Edizione	[1st ed.]
Descrizione fisica	1 online resource (574 p.)
Collana	Dover Civil and Mechanical Engineering
Disciplina	620.1/1892 620.11892
Soggetti	Composite materials -- Mechanical properties
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Title Page; Copyright Page; PREFACE TO THE DOVER EDITION; PREFACE; Table of Contents; ERRATA; CHAPTER I - SOME ELEMENTS OF MECHANICS; 1.1 ELASTICITY THEORY RESULTS; 1.2 VISCOELASTICITY THEORY; 1.3 PLASTICITY THEORY; 1.4 ESHELBY'S FORMULA; REFERENCES; CHAPTER II - EFFECTIVE MODULI: SPHERICAL INCLUSIONS; 2.1 THE CONCEPT OF EQUIVALENT HOMOGENEITY; 2.2 DILUTE SUSPENSION, SPHERICAL INCLUSIONS; 2.3 COMPOSITE SPHERES MODEL; 2.4 A THREE-PHASE MODEL; 2.5 THE SELF-CONSISTENT SCHEME; 2.6 A CONCENTRATED SUSPENSION MODEL; 2.7 SOME GENERAL OBSERVATIONS; PROBLEMS; REFERENCES CHAPTER III - EFFECTIVE MODULI: CYLINDRICAL AND LAMELLAR SYSTEMS; 3.1 TRANSVERSELY ISOTROPIC MEDIA; 3.2 COMPOSITE CYLINDERS MODEL; 3.3 A MODEL FOR THE TRANSVERSE SHEAR OF A FIBER SYSTEM; 3.4 FINITE LENGTH FIBER EFFECTS; 3.5 A DILUTE SUSPENSION OF RANDOMLY ORIENTED PLATELETS; PROBLEMS; REFERENCES; CHAPTER IV - BOUNDS ON EFFECTIVE MODULI AND FURTHER RESULTS; 4.1 BOUNDS ON ISOTROPIC EFFECTIVE MODULI; 4.2 BOUNDS ON TRANSVERSELY ISOTROPIC EFFECTIVE MODULI; 4.3 INTERPRETATION OF EFFECTIVE MODULI AND ASSOCIATED BOUNDS; 4.4 SOME ISOTROPIC PROPERTIES OF FIBER SYSTEMS

4.5 SOME ISOTROPIC PROPERTIES OF PLATELET SYSTEMS4.6 SUMMARY OF EFFECTIVE STIFFNESS PROPERTIES AND CONCLUSIONS; PROBLEMS; REFERENCES; CHAPTER V - LAMINATES; 5.1 TRANSFORMATION RELATIONS; 5.2 CLASSICAL THEORY OF LAMINATED PLATES; 5.3 CYLINDRICAL BENDING; 5.4 HIGH-ORDER THEORY; 5.5 INTERLAMINAR EDGE EFFECTS; PROBLEMS; REFERENCES; CHAPTER VI - ANALYSIS, STRENGTH, AND DESIGN; 6.1 A BOUNDARY LAYER THEORY OF ANISOTROPIC ELASTICITY; 6.2 STRENGTH AND FAILURE CRITERIA; 6.3 DESIGN EXAMPLE I: FIBER REINFORCED PRESSURE VESSELS; 6.4 DESIGN EXAMPLE II: FIBER REINFORCED FLYWHEELS; PROBLEMS; REFERENCES CHAPTER VII - WAVE PROPAGATION7.1 WAVE CHARACTER IN EQUIVALENT HOMOGENEOUS MEDIA; 7.2 TRANSMISSION AND REFLECTION IN LAYERED MEDIA; 7.3 DISPERSION RELATIONS; 7.4 TRANSIENT WAVE PROPAGATION: LAYERED MEDIA; 7.5 TRANSIENT WAVE PROPAGATION: THREE-DIMENSIONALLY PERIODIC MEDIA; 7.6 ATTENUATION DUE TO RANDOM INHOMOGENEITIES; 7.7 A MIXTURE THEORY APPLICATION: DYNAMIC INSTABILITY IN FLUIDIZED COLUMNS; PROBLEMS; REFERENCES; CHAPTER VIII - INELASTIC AND NONLINEAR EFFECTS; 8.1 PLASTIC DEFORMATION OF POROUS MEDIA; 8.2 PLASTIC DEFORMATION OF FIBER SYSTEMS; 8.3 VISCOELASTIC PROPERTIES OF COMPOSITES  
8.4 A VISCOELASTIC FLUID SUSPENSION MODEL8.5 LARGE DEFORMATION OF FIBER SYSTEMS; PROBLEMS; REFERENCES; CHAPTER IX - EFFECTIVE THERMAL PROPERTIES; 9.1 THERMOELASTICITY THEORY; 9.2 THERMAL CONDUCTIVITY; 9.3 THERMAL EXPANSION COEFFICIENT; 9.4 SPECIFIC HEATS; 9.5 DISCUSSION OF RESULTS; PROBLEMS; REFERENCES; AUTHOR INDEX; SUBJECT INDEX

---

**Sommario/riassunto**

A comprehensive account of the basic theory of the mechanical behavior of heterogeneous media, this volume assembles, interprets, and interrelates contributions to the field of composite materials from theoretical research, laboratory developments, and product applications. The text focuses on the continuum mechanics aspects of behavior; specifically, it invokes idealized geometric models of the heterogeneous system to obtain theoretical predictions of macroscopic properties in terms of the properties of individual constituent materials. The wide range of subjects encompasses macroscopic stiffn

---