

1. Record Nr.	UNINA9910812011803321
Titolo	Creating space for Democracy : a primer on dialogue and deliberation in higher education / / edited by Nicholas V. Longo and Timothy J. Shaffer
Publ/distr/stampa	Sterling, Virginia : , : Association of American Colleges and Universities : , : Campus Compact : , : Stylus, , [2019] ©2019
ISBN	1-000-98013-8 1-000-97491-X 1-003-44381-8 1-62036-928-1
Descrizione fisica	1 online resource (350 pages)
Disciplina	379.73
Soggetti	Democracy and education - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910254230903321
Titolo	Experimental and Applied Mechanics, Volume 4 : Proceedings of the 2015 Annual Conference on Experimental and Applied Mechanics / / edited by Cesar Sciammarella, John Considine, Paul Gloeckner
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	87-438-0286-9 87-7004-918-1 3-319-22449-2
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (198 p.)
Collana	Conference Proceedings of the Society for Experimental Mechanics Series, , 2191-5652
Disciplina	620.1
Soggetti	Mechanics, Applied Solids Materials - Analysis Solid Mechanics Characterization and Analytical Technique
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 at the end of each chapters.
Nota di contenuto	1.Experimental Characterization of Shape Fixity in Transversely Curved Unimorph SMP Actuators -- 2.Full-field Three-Dimensional Characterization of Non-repetitive Motions by Single-shot Multiplexed Digital Holography -- 3.Basic Foundations of Signal Analysis Models Applied to Retrieval of Displacements and their Derivatives Encoded in Fringe Patterns -- 4.Recent Optical Measurements for the Mechanical Properties of Thin Films -- 5.Evaluation of the Penalized Least Squares Method for Strain Computation -- 6.Speckle Projection Profilometry Using a Diffractive Telecentric Arrangement -- 7.Use of VFM for Heterogeneity Evaluation of Materials Under Uniaxial Tensile Stress -- 8.Optimized Test Design for Identification the Variation of Elastic Stiffness Properties of Loblolly Pine (pinus taeda) Pith to Bark -- 9. Investigation of the Hydric Transfer Phenomenon in Wood at the Ring Scale With the Grid Method -- 10.Extension of the Non-Linear Virtual

Fields Method to Inertial Heterogeneous High Strain Rate Tests -- 11. Experimental Mechanics for Graduate Students -- 12. Bridge Foundation Depth Estimation using Sonic Echo Test -- 13. Detonation of Small Charges Buried in Cohesionless Soil -- 14. Similitude Analysis of Composite I-beams With Application to Subcomponent Testing of Wind Turbine Blades -- 15. Validating FSI Simulations in LS-DYNA 971 R7 -- 16. In Vitro Experimental Study for the Determination of Cellular Characteristics of Mesenchymal Stem Cells Using a Non-uniform Deformation Field -- 17. Development of New Method for Direct Measurement of High Strain Rate Testing Parameters -- 18. Simultaneous Measurement of Polymerization Stress Evolution, Conversion Kinetics, and Exotherm in Real-time -- 19. Symmetric and Asymmetric Double Cantilever Beam Methods for Interfacial Adhesion Strength Measurement in Electronic Packaging -- 20. Broadband Electromechanical Spectroscopy: A Method for Measuring the Dynamic Electromechanical Response of Ferroelectrics -- 21. Experimental Study of Mechanical Performance in Friction Stir Welded Dissimilar Titanium Alloys -- 22. Testing a Multi-Bay Box Subjected to Combined Loads -- 23. A Study on the Generation of a Fine-grained Layer in Upsetting Between Flat and Conical Dies -- 24. Interface Microstructure and Strength of TLP Bonded Iron and Steel.

Sommario/riassunto

Experimental and Applied Mechanics, Volume 4 of the Proceedings of the 2015 SEM Annual Conference & Exposition on Experimental and Applied Mechanics, the fourth volume of nine from the Conference, brings together contributions to important areas of research and engineering. The collection presents early findings and case studies on a wide range of topics, including: Advanced Methods for Frontier Applications, Non-Homogeneous Parameters Identification, Teaching Experimental Mechanics in the 21st Century, Material Characterization and Testing, Mechanics of Interfaces Novel Applications of Experimental Mechanics.