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	Nota di contenuto	1. Regularization Uncertainty in Slitting Residual Stress Measurement 2. Walkthrough and History of the Virtual Fields Method 3. Low-Cost Thermoelastic Stress Analysis 4. Keynote: Residual Stresses in Biological Materials 5. The Effect of Residual Stress on Aluminum Strength using Thermoelatic Stress Analysis 6. Calibration of Anisotropic Plasticity Models with an Optimized Heterogeneous Test and the Virtual Fields Method 7. One-Dimensional Heat Source Reconstruction Applied to Phase Transforming Superelastic Ni-Ti Wire 8. Coupled NIRT/3D-DIC for a FEMU Identification of the Thermo- mechanical Behavior of Zr-4 Claddings under Simulated Reactivity

	Initiated Accident 9. Quench-induced Residual Stress in Complex Geometry: Measurement and Modeling by Eigenstrain 10. Residual Stresses at Critical Locations in Additively-Manufactured Components 11. Identification of Constitutive Parameters Governing the Hyperelastic Response of Rubber by Using Full-field Measurement and the Virtual Fields Method 12. Intermethod Comparison and Evaluation of Near Surface Residual Stress in Aluminum Parts Subject to Various Milling Parameters 13. Inversion of Residual Stresses in Silicon Wafer from Surface Deflection Measurements 14. Evaluating the Coefficient of Thermal Expansion of Electronic Board Using the Virtual Fields Method 15. Identification of Constitutive Parameters from Full Thermal and Kinematic Fields: Application to Hyperelasticity 16. Calorific Analysis of a Granular System made in Shape Memory Alloy 17. Dynamic VFM to Identify Viscoplastic Parameters. Analysis of Impact Tests on Titanium Alloy 18. Keynote: Test Design for Identification from Full-field Measurements: A Concise Review 19. Stress Determination for Granular Materials Using TSA: An Inverse Approach 20. Evaluation of Fatigue Crack Growth Behavior and Effect of Repair Work Based on Thermoelastic Stress Analysis for Steel Bridge Members 21. Analysis of Deformations in Crush Tests of Lithium Ion Battery Cells 22. In-situ thermal monitoring of printed components during rapid prototyping by Fused Deposition Modeling 23. Development of an Inverse Identification Method for Identifying Hyperelastic Constitutive Parameters by Metaheuristic Optimization Algorithm 24. MIMO Input Derivations, Optimizing Input Force Against Output Accuracy 25. Evaluation of Sensitivity-Based Virtual Fields for Non-Linear Parameter Identification Including DIC Filtering Effects 26. Identification of Inhomogeneous Plastic Constitutive Models of Friction Stir Welded Aluminum Alloy Sheets Using Virtual Fields Method 27. Accuracy Improvement of Thermoelastic Stress and Dissipatio
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