References on applications of DIC to experimental solid mechanics

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Journals


[190] Sungsoo Lee, François Barthelet, Nicolaie Moldovan, Horacio D. Espinosa, and Haydn N. G. Wadley. Deformation rate effects on failure


25


with crack shape optimization. *International Journal for Numerical

[281] J. Réthoré, S. Roux, and F. Hild. From pictures to extended finite el-
ements: extended digital image correlation (X-DIC). *Comptes Rendus

image correlation technique applied to the analysis fractured samples.

tor Determination from Kinematic Field Measurements. *Engineering

[284] Mohammad R. Riahi, Hamid Latifi, and Mohsen Sajjadi. Speckle cor-
relation photography for the study of water content and sap flow in

image correlation: post-processing and integrated approaches. *Inter-


correlation from X-ray computed tomography of solid foam. *Comp.

Textile Preforms under Mixed Compressive and Shear Loading. *Journal of Reinforced Plastics and Composites*, 23(13):1425–1442, Septem-

Morante, and B. Michel. Residual Stress Measurement on a MEMS
Structure With High-Spatial Resolution. *IEEE/ASME Journal of Mi-

[290] N. Sabaté, D. Vogel, A. Gollhardt, J. Keller, B. Michel, C. Cané,
I. Gràcia, and J. R. Morante. Measurement of residual stresses in

30


38


**Conference proceedings**


[25] Xiaoyuan He, Xin Kang, Chenggen Quan, Cho J. Tay, Shihua Wang, and Huai M. Shang. Optical methods for the measurement of MEMS materials and structures. In Xiaoping Wu, Yuwen Qin, Jing Fang, and


[40] Jürgen Keller, Astrid Gollhardt, Dietmar Vogel, and Bernd Michel. Characterization of microcracks by application of digital image correlation to SPM images. In Norbert Meyendorf, George Y. Baaklini, and


[87] Dietmar Vogel, Jürgen Keller, and Bernd Michel. High-resolution stress measurements for microsystem and semiconductor applications. In Christophe Gorecki, Anand K. Asundi, and Wolfgang Osten, editors,


**Collection of articles**


Ph.D. theses


