

1. Record Nr.	UNICAMPANIAVAN0037382
Autore	Camassa, Giorgio
Titolo	La lontananza dei greci / Giorgio Camassa
Pubbl/distr/stampa	Roma, : Quasar, 2004
ISBN	88-7140-261-8
Descrizione fisica	109 p. ; 21 cm.
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910711260203321
Autore	Iadicola Mark
Titolo	Digital image correlation measurements during gusset plate connection testing to structural failure / / Mark A. Iadicola
Pubbl/distr/stampa	Gaithersburg, MD : , : U.S. Dept. of Commerce, National Institute of Standards and Technology, , 2012
Descrizione fisica	1 online resource (4 unnumbered pages, 118 pages) : illustrations, tables
Collana	NIST technical note ; ; 1752
Soggetti	Gusset plates - Testing Structural failures
Lingua di pubblicazione	Inglese
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Note generali	"August 2012" "CODEN: NTNOEF" Contributed record: Metadata reviewed, not verified. Some fields updated by batch processes.
Nota di bibliografia	Includes bibliographical references pages 117-118.
Sommario/riassunto	This report describes 3-dimensional (3D) digital image correlation to

measure the 3D shape, displacement, and in-plane strain field, during testing of gusset plate structural connections. Twelve full-scale bridge gusset plate connections of various geometries and boundary conditions were tested at the the Federal Highway Administration (FHWA) Turner-Fairbank Highway Research Center (Ocel et al., 2012). These experiments are part of the verification of numerical models as part of NCHRP Project 12-84 Guidelines for the Load and Resistance Factor Design and Rating of Riveted and Bolted Gusset Plate Connections for Steel Bridge. The measurements described here are in regards to the tests performed to failure (i.e., maximum load carrying capacity of the connection). During each of the twelve tests to failure, a series (typically about 150) of image pairs were taken for subsequent digital image correlation analysis. Although all of the image pairs were processed, only a very small portion of the results are presented here. It is intended to give general access to the overall data set for use by other researchers. Overall the measurements, showed reasonable uncertainties on the order of 150  $\mu\text{m}/\text{m}$  of maximum in-plane shear strain, and the measured out of plane initial shapes of the plates typically matched qualitative inspections of the connections. The layout, calibration, and measurement procedure associated with the digital image correlation system are described in detail to aid in understanding of the results. The results shown here include a sample of the measured and derived variables for one experiment at two conditions to inform the reader of the type of data that is available. The results also include an abbreviated set of results that show the evolution of the out of plane shape and maximum shear strain field at four points in loading from the initial condition to failure.

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3. Record Nr.	UNICAMPANIAVAN00133365
Autore	Hertel, Ingolf V.
Titolo	1: Atoms and Spectroscopy / Ingolf V. Hertel, Claus-Peter Schulz
Pubbl/distr/stampa	Berlin ; Heidelberg, : Springer, 2015
Titolo uniforme	Atoms, Molecules and Optical Physics. 1, Atoms and Spectroscopy
Descrizione fisica	xxxvii, 689 p. : ill. ; 24 cm
Altri autori (Persone)	Schulz, Claus-Peter
Soggetti	81-XX - Quantum theory [MSC 2020] 81V45 - Atomic physics [MSC 2020] 81V55 - Molecular physics [MSC 2020] 81V80 - Quantum optics [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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