

## ALCUNE RECENTI PUBBLICAZIONI

### SOME RECENT PUBLICATION

1. Rainieri, C., Fabbrocino G, De Magistris, F.S. (2013). An integrated seismic monitoring system for a full-scale embedded retaining wall. *GEOTECHNICAL TESTING JOURNAL*, vol. 36, ISSN: 0149-6115, doi: 10.1520/GTJ20120067
2. Lanzano, G., Salzano, E., De Magistris, F.S., Fabbrocino G (2013). Seismic vulnerability of natural gas pipelines. *RELIABILITY ENGINEERING & SYSTEM SAFETY*, vol. 117, p. 73-78, ISSN: 0951-8320, doi: 10.1016/j.ress.2013.03.019
3. Lanzano, G., Salzano, E., Santucci de Magistris, F., Fabbrocino G (in stampa). Seismic vulnerability of gas and liquid buried pipelines. *JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES*, ISSN: 0950-4230, doi: 10.1016/j.jlp.2013.03.010
4. Rainieri C, Fabbrocino G, Manfredi G, Dolce M (2012). Robust output-only modal identification and monitoring of buildings in the presence of dynamic interactions for rapid post-earthquake emergency management. *ENGINEERING STRUCTURES*, vol. 34, p. 436-446, ISSN: 0141-0296, doi: 10.1016/j.engstruct.2011.10.001
5. Rainieri C, Fabbrocino g, Catalano A (a cura di) (2012). Nanotechnologies and smart materials for SHM. *RIPALIMOSANI:EditriceAGR*, ISBN: 978-88-88102-47-4
6. Rainieri C, Fabbrocino G (2012). A hybrid automated modal identification algorithm for Structural Health Monitoring: a comparative assessment. In: *Proceedings International Conference on Noise and Vibration Engineering*. ISBN: 9789073802896, Leuven, Belgium, September 17-19, 2012
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8. Rainieri C, Fabbrocino G (2012). Applications of a Hybrid Automated Modal Identification Algorithm for Structural Health Monitoring. In: *Proceedings of the 5th European Conference on Structural Control*. GENOVA:Erredi Grafiche Editoriali S.n.c., ISBN: 9788895023137
9. Rainieri C., Fabbrocino G (2012). Estimating the elastic period of masonry towers. In: *Topics in Modal Analysis I - Proceedings of the 30th IMAC, A Conference on Structural Dynamics*, 2012. vol. 5, p. 243-248, NEW YORK:Springer, ISBN: 978-1-4614-2424-6, doi: 10.1007/978-1-4614-2425-3\_22
10. Rainieri C., Fabbrocino G (2012). Lessons learned from monitoring of civil structures, innovation and development of new paradigms. In: *Nanotechnologies and smart materials for SHM*. p. 7-20, RIPALIMOSANI:Arti Grafiche LaRegione Editore, ISBN: 978-88-88102-47-4
11. FABBROCINO S, FORTE G, LANZANO G, PADUANO P, SANTUCCI DE MAGISTRIS F, TODISCO F, FABBROCINO G (2012). *ENGINEERING GEOLOGY MODEL FOR SEISMIC VULNERABILITY ASSESSMENT OF DISTRIBUTED INFRASTRUCTURES*. In: *34th International Geological Congress Unearthing our Past and Future – Resourcing Tomorrow*. ISBN: 978-0-646-57800-2, Brisbane, Australia, 5-10 August 2012
12. LANZANO G, SALZANO E, SANTUCCI de MAGISTRIS F, FABBROCINO G (2012). An observational analysis of seismic vulnerability of industrial pipelines. In: *Chemical engineering transaction - CISAP5, 5th International Conference on Safety and Environment in Process & Power Industry*. vol. 26, MILANO:AIDIC Servizi, ISBN: 978-88-95608-17-4, Milano, 3-6 June 2012
13. FABBROCINO G, RAINIERI C, SANTUCCI de MAGISTRIS F (2012). Il monitoraggio sismico e le opere geotecniche. In: *Ingenio - Sistema Integrato di informazione per l'ingegnere*. vol. 1
14. LANZANO G, SALZANO E, SANTUCCI de MAGISTRIS F, FABBROCINO G (2012). An observational analysis of vulnerability of pipelines under seismic ground failure. In: *Proceedings of Second International Conference On Performance-Based Design In Earthquake Geotechnical Engineering*. Taormina, 28 - 30 Maggio 2012
15. LANZANO G, SALZANO E, SANTUCCI de MAGISTRIS F, FABBROCINO G (2012). Multidisciplinary approach for the seismic vulnerability evaluation of lifelines and structural components of industrial plants. In: *Proceedings of the XV World Conference Earthquake Engineering*. Paper 5026, Lisbon, Portugal, 24-28 September 2012
16. LANZANO G, SALZANO E, SANTUCCI de MAGISTRIS F, FABBROCINO G (2012). Analisi osservazionale della vulnerabilità sismica di tubazioni per trasporto fluidi industriali. In: *Atti di VGR2012 Valutazione e Gestione del Rischio negli Insediamenti Civili ed Industriali*. Tirrenia- Calambrone (PI), 3-5.10.2012
17. Marcari G, Oliveira D V, Fabbrocino G, Lourenço, P B (2011). Shear capacity assessment of tuff panels strengthened with FRP diagonal layout. *COMPOSITES. PART B, ENGINEERING*, vol. 42, p. 1956-1965, ISSN: 1359-8368, doi: 10.1016/j.compositesb.2011.05.031
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21. Rainieri C, Fabbrocino G (2011). Operational modal analysis for the characterization of heritage structures. *GEOFIZIKA*, vol. 28, p. 109-126, ISSN: 0352-3659
22. Conte C, Rainieri C, Aiello MA, Fabbrocino G (2011). On-site assessment of masonry vaults: Dynamic tests and numerical analysis. *GEOFIZIKA*, vol. 28, p. 127-143, ISSN: 0352-3659
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24. Dey A, Lanzano G, Rainieri C, Di Tullio M, Laorenza C, Santucci de Magistris F, Fabbrocino G (2011). A full scale instrumented retaining wall: interpretation of the measurements using numerical tools. In: *Proceedings of The Fifth International Conference on Earthquake Geotechnical Engineering*. ISBN: 978-956-7141-18-0, Santiago, Chile, 10-13 January 2011
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30. Rainieri C., Fabbrocino G (2011). Il periodo elastico delle torri in muratura: correlazioni empiriche per la previsione. In: *Atti XIV Convegno ANIDIS "L'ingegneria sismica in Italia"*. vol. 1, p. 347-350, ISBN: 9788875220402, BARI, 18 - 22 settembre 2011
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