Publications

- Refereed Publications in Journals: 87
- Papers in Conference Proceedings: 87
- Abstracts in Conferences: 87
- Chapter in Books: 6
- Books
- Lecture Notes
- Study Tool (CD-Rom)
- Reviews and Reports

Total citations:

Scopus: 1123 (h-index = 21) [link]
Research gate: 1371 (h-index = 22) [link]
Google Scholar: 1895 (h-index = 25) [link]

09/2020

Refereed Publications in Journals: 87


2) Andronikos Loukidis, Dimos Triantis, Ilias Stavrakas, Ermioni D. Pasiou, Stavros K. Kourkoulis, Comparative I0-value and F-function analysis of Acoustic Emissions from elementary and structural tests with marble specimens, Material Design and Processing Communication, 2020;e176.


21) C. Stergiopoulos, I. Stavrakas, D. Triantis, F. Vallianatos, J. Stonham, Predicting fracture of mortar beams under three-point bending using non-extensive statistical


25) Filippou Vallianatos and Dimos Triantis, A non extensive view of the pressure stimulated current relaxation during repeated abrupt uniaxial load-unload in rock samples, Europhysics Letters (EPL) 104 (2013) 68002


63) P. Tsiakas, C. Stergiopoulos, M. Kaitsa, D. Triantis, *New technologies applied in the


66) C. Anastasiadis, D. Triantis, I. Stavrakas, A. Kyriazopoulos, F. Vallianatos, Ac conductivity measurements of rock samples after the application of stress up to fracture. Correlation with the damage variable, WSEAS Transactions on Systems, 4, pp 185-190 (2005).


76) I. Stavrakas, C. Anastasiadis, D. Triantis, F. Vallianatos, Piezo Stimulated currents in marble samples: Precursory and concurrent – with – failure signals, Natural


**Chapters in Books (6)**


Papers in refereed Conference Proceedings: 87


3) Andronikos Loukidis, Ilias Stavrakas, Dimos Triantis, *The relaxation processes of Pressure Stimulated Currents under the concept of Non-extensive statistical physics*, *Procedia Structural Integrity 26* (2020) 277–284 [The 1st Mediterranean Conference on Fracture and Structural Integrity, MedFract1].


34) D. Triantis, I. Leraki, Investigation and Management of Diverse Classrooms of Higher Education Due to Discrepancies in Background Knowledge, Proceedings of the 4th International Conference on Computer Supported Education (CSEDU 2012), pp. 161-165.


41) V. Saltas, D. Triantis, I. Stavrakas, C. Anastasiadis, F. Vallianatos, Dielectric Spectroscopy as a Diagnostic Test Method for the Determination of Mechanical Damage in Marble Samples, Proceedings of the 10th International Conference of the


82) D. Triantis, C. Anastasiadis, I. Stavrakas, F. Vallianatos, Ac conductivity of marble after the application of various stress modes before fracture, Proceedings of the 3rd International Conference on NDT, Chania-Crete, Greece, October 2003, pp. 252-257.


Abstracts (in refereed Conferences): 87


9) D. Mastrogiannis, S. I. Andreopoulos, S. M. Potirakis, I. Stavrakas, **D. Triantis** and S. K. Kourkoulis, *Investigating Acoustic Emissions and Pressure Stimulated Currents detected during the bending of restored marble epistyles within the frame of log-periodic power-


Stavros K. Kourkoulis, Ermiomion D. Pasiou, Ilias Stavrakas, George Hloupis, Dimos Triantis, The mechanical response of marble epistyles studied with the aid of innovative experimental techniques, 30th Symposium on advances in experimental mechanics, Danubia-Adria, 25-28 September 2013, Ref. nr. 4A03 014

G. Hloupis, I. Stavrakas, D. Triantis, E.D. Pasious, S.K. Kourkoulis, Electrical current and Acoustic Emissions when marble specimens subjected to compressive mechanical loading, 30th Symposium on advances in experimental mechanics, Danubia-Adria, 25-28 September 2013, Ref. nr. 5A16 139

V. Bimpikas, M. Bardanis, N. Kokras, G. Hloupis, C. Dalla, I. Stavrakas, K. Moutzouris, D. Triantis, Low Cost Experimental System for the recording of home cage activity of laboratory rats, 10th International Conference on Nanosciences & Nanotechnologies – NN13, (Workshop 4: Bioelectronics), Abstract: P4-6


39) P. Kyriazis, I. Stavrakas, C. Anastasiadis, D. Triantis, J. Stonham, Memory effects on mechanically stimulated electric signal; diversification of stimuli impact on material memory and comments on the observed features, Geophysical Research Abstracts, Vol. 12, EGU2010-12994, 2010.


63) D. Triantis, C. Anastasiadis, A. Kyriazopoulos, P. Kyriazis, I. Stavrakas, *Correlation of the Pressure Stimulated Current (PSC) with the applied uniaxial stress on marble rock samples and Portland type cement–OPC, from low stress levels up to fracture*, Geophysical Research Abstracts, Vol. 8, 03458, European Geosciences Union (EGU), Vienna, Austria, April 2006.


71) D. Triantis, I. Stavrakas, C. Anastasiadis, F. Vallianatos, S. Kershaw, *Dielectric spectroscopy in crustal rocks: preliminary results from northeastern sicily (Italy) and the gulf of corinth (Greece)*, 10th International Congress GSG, Thessaloniki, April 2004, (Book of Abstracts pp. 619-620).


Books (5)


Study Tool (CD-Rom)

Lecture notes: For all the modules taught (16).

Reviews and Reports (11):


