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E-mail: [chgantes@central.ntua.gr](mailto:chgantes@central.ntua.gr), [chgantes@alum.mit.edu](mailto:chgantes@alum.mit.edu)Web: <http://users.civil.ntua.gr/chgantes/en/> - LinkedIn: [www.linkedin.com/in/CharisGantes](http://www.linkedin.com/in/CharisGantes)**SUMMARY OF ACTIVITIES IN ITERATIVE NUMERICAL ALGORITHMS  
FOR APPLICATION WITH THE NONLINEAR FINITE ELEMENT METHOD****JOURNAL PUBLICATIONS**

- Papadrakakis, M. and Gantes, C.J., "Preconditioned Conjugate- and Secant-Newton Methods for Non-Linear Problems", *International Journal for Numerical Methods in Engineering*, Vol. 28, Issue 6, pp. 1299-1316, June 1989.

doi: <http://dx.doi.org/10.1002/nme.1620280606>

- Papadrakakis, M. and Gantes, C.J., "Truncated Newton Methods for Nonlinear Finite Element Analysis", *Computers & Structures*, Vol. 30, Issue 3, pp. 705-714, 1988.

doi: [http://dx.doi.org/10.1016/0045-7949\(88\)90306-9](http://dx.doi.org/10.1016/0045-7949(88)90306-9)**CONFERENCE PUBLICATIONS**

- Papadrakakis, M. and Gantes, C., "Truncated Newton Methods for Nonlinear Finite Element Analysis", *3<sup>rd</sup> International Conference on Civil and Structural Engineering Computing (CivilComp '87)*, London, England, September 22-24, 1987.