

# LIST OF PUBLICATIONS OF NIKOLAOS I. IOAKIMIDIS

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*Note:* At the end of some articles the indications *AMR*, *MR*, *ZM* and *Scopus* inside brackets denote the citation of this article (simple citation, abstract or review) in the related databases, i.e.

- *AMR* for the journal *Applied Mechanics Reviews* of the American Society of Mechanical Engineers (ASME). (Unfortunately, this journal ceased citing the publications in *Applied Mechanics* since 2004. Moreover, the related database is not available to the writer in its complete form even when it existed. Therefore, the related indication *AMR* at the end of some of the articles below concerns only a very small number of the articles below cited in the journal *Applied Mechanics Reviews*.)
- *MR* for the journal *Mathematical Reviews* or better for the electronic database *MathSciNet* of the American Mathematical Society (AMS).
- *ZM* for the journal *Zentralblatt für Mathematik* or better for the electronic database *Zentralblatt MATH – ZBMATH* of the European Mathematical Society, FIZ Karlsruhe και Heidelberger Akademie der Wissenschaften (Heidelberg Academy of Sciences), which is published by the publishing house Springer.
- *Scopus* for the electronic database *Scopus* of the publishing house Elsevier.

## A. THESES AND BOOKS

- [A1] Ioakimidis, N. I. (1973) *Wedge and Crack Problems in the Theory of Plane Elasticity* (in Greek). Master thesis at the National Technical University of Athens, iv+120 pages, Athens, Greece. [[web page](#)]
- [A2] Ioakimidis, N. I. (1976), *General Methods for the Solution of Crack Problems in the Theory of Plane Elasticity* (in Greek with an extensive English summary). Ph.D. thesis at the National Technical University of Athens, xlvii+406 pages, Athens, Greece. (This thesis is mentioned in the journal *Dissertation Abstracts International*, Section C: *European Abstracts*. University Microfilms, Ann Arbor, Michigan; Order No. 76-21,056.) [*MR*, *ZM*]
- [A3] Ioakimidis, N. I. (2012), *Applied Mathematics II, Mathematics for Civil Engineers: Applied Ordinary Differential Equations for Civil Engineers* (in Greek), xviii+1083 pages. Gotsis Publications, Patras, Greece.
- [A4] Ioakimidis, N. I. (2012), *Applied Mathematics III, Mathematics for Civil Engineers: Applied Partial Differential Equations, Integral Equations and Complex Variables for Civil Engineers* (in Greek), xx+905 pages. Gotsis Publications, Patras, Greece.

## B. PUBLICATIONS IN SCIENTIFIC JOURNALS IN ENGLISH

- [B1] Theocaris, P. S. and Ioakimidis, N. (1971), Some Properties of Generalized Epicycloids Applied to Fracture Mechanics. *Zeitschrift für angewandte Mathematik und Physik (ZAMP)*, Vol. **22**, No. 5, pp. 876–890. [ZM, Scopus, [web page](#)]
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- [B12] Theocaris, P. S. and Ioakimidis, N. I. (1977), On the Numerical Solution of Cauchy Type Singular Integral Equations and the Determination of Stress Intensity Factors in Case of Complex Singularities. *Zeitschrift für angewandte Mathematik und Physik (ZAMP)*, Vol. **28**, No. 6, pp. 1085–1098. [MR, ZM, Scopus, [web page](#)]
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