

## Accepted Manuscript

Experimental Fatigue Crack Growth Behavior and Predictions under Multiaxial Variable Amplitude Service Loading Histories

Nicholas R. Gates, Ali Fatemi

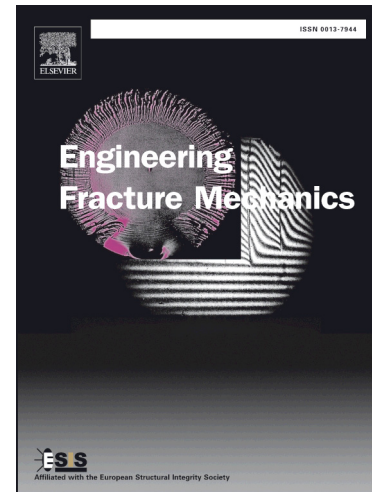
PII: S0013-7944(16)30640-3  
DOI: <http://dx.doi.org/10.1016/j.engfracmech.2016.11.023>  
Reference: EFM 5327

To appear in: *Engineering Fracture Mechanics*

Received Date: 10 September 2016  
Revised Date: 14 November 2016  
Accepted Date: 15 November 2016

Please cite this article as: Gates, N.R., Fatemi, A., Experimental Fatigue Crack Growth Behavior and Predictions under Multiaxial Variable Amplitude Service Loading Histories, *Engineering Fracture Mechanics* (2016), doi: <http://dx.doi.org/10.1016/j.engfracmech.2016.11.023>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



**Experimental Fatigue Crack Growth Behavior and Predictions under  
Multiaxial Variable Amplitude Service Loading Histories**

Nicholas R. Gates and Ali Fatemi  
Former Graduate Research Assistant and Professor (*Corresponding Author*), respectively  
Mechanical, Industrial and Manufacturing Engineering Department  
The University of Toledo  
2801 West Bancroft Street  
Toledo, Ohio 43606, USA  
Tel: 419-530-8213, Fax: 419-530-8213  
Email: [ngates@eng.utoledo.edu](mailto:ngates@eng.utoledo.edu)  
Email: [afatemi@eng.utoledo.edu](mailto:afatemi@eng.utoledo.edu)

Submitted to  
*Engineering Fracture Mechanics*  
Special Issue on Multiaxial Fracture 2016

Submitted September 2016  
Revised November 2016

Download English Version:

<https://daneshyari.com/en/article/5014062>

Download Persian Version:

<https://daneshyari.com/article/5014062>

[Daneshyari.com](https://daneshyari.com)