Accepted Manuscript

Multiaxial variable amplitude fatigue life analysis using the critical plane approach, Part I: Un-notched specimen experiments and Life Estimations

Nicholas R. Gates, Ali Fatemi

PII: S0142-1123(17)30373-0
DOI: http://dx.doi.org/10.1016/j.ijfatigue.2017.09.008
Reference: JIJF 4461

To appear in: *International Journal of Fatigue*

Received Date: 11 April 2017
Revised Date: 8 September 2017
Accepted Date: 9 September 2017

Please cite this article as: Gates, N.R., Fatemi, A., Multiaxial variable amplitude fatigue life analysis using the critical plane approach, Part I: Un-notched specimen experiments and Life Estimations, *International Journal of Fatigue* (2017), doi: http://dx.doi.org/10.1016/j.ijfatigue.2017.09.008

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.

ACCEPTED MANUSCRIPT

MULTIAXIAL VARIABLE AMPLITUDE FATIGUE LIFE ANALYSIS USING THE CRITICAL PLANE APPROACH, PART I: UN-NOTCHED SPECIMEN EXPERIMENTS AND LIFE ESTIMATIONS

Nicholas R. Gates

(Corresponding Author)
Former Graduate Research Assistant at The University of Toledo, Toledo, OH, USA
Currently at Cummins, Inc.
1801 Highway 51-138
Stoughton, WI 53589 USA
Email: ngates@eng.utoledo.edu

Ali Fatemi

Professor
Department of Mechanical Engineering
The University of Memphis
312 Engineering Science
Memphis, TN 38152 USA
Email: afatemi@memphis.edu

Submitted to the
International Journal of Fatigue

Submitted: April 2017
Revised: September 2017

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/5014923

Download Persian Version:

https://daneshyari.com/article/5014923

Daneshyari.com