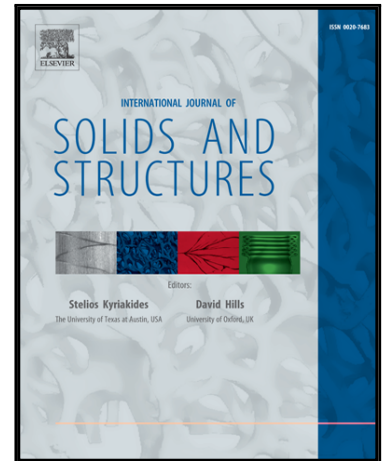


Accepted Manuscript

Notch failure versus interior failure for mixed-mode in-plane loading

Wenchao Li , Harm Askes , Luca Susmel

PII: S0020-7683(18)30246-4
DOI: [10.1016/j.ijsolstr.2018.06.014](https://doi.org/10.1016/j.ijsolstr.2018.06.014)
Reference: SAS 10024



To appear in: *International Journal of Solids and Structures*

Received date: 27 March 2018
Revised date: 21 May 2018
Accepted date: 14 June 2018

Please cite this article as: Wenchao Li , Harm Askes , Luca Susmel , Notch failure versus interior failure for mixed-mode in-plane loading, *International Journal of Solids and Structures* (2018), doi: [10.1016/j.ijsolstr.2018.06.014](https://doi.org/10.1016/j.ijsolstr.2018.06.014)

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.

Highlights

- Central fracture mode of the double-cracked specimen is studied analytically
- Analytical formulae for estimating the condition of central fracture mode are derived
- Effects of crack length and material property on the critical loading angle is studied
- The validation of the proposed formulae are verified by the numerical simulation

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/8947115>

Download Persian Version:

<https://daneshyari.com/article/8947115>

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