## Accepted Manuscript

Theoretical study of the effective modulus of a composite considering the orientation distribution of the fillers and the interfacial damage


PII: S0997-7538(17)30232-2
DOI: 10.1016/j.euromechsol.2018.02.008
Reference: EJMSOL 3551

To appear in: European Journal of Mechanics / A Solids

Received Date: 19 March 2017
Revised Date: 25 January 2018
Accepted Date: 15 February 2018

Please cite this article as: Lee, S., Ryu, S., Theoretical study of the effective modulus of a composite considering the orientation distribution of the fillers and the interfacial damage, European Journal of Mechanics / A Solids (2018), doi: 10.1016/j.euromechsol.2018.02.008.

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.

# Theoretical study of the effective modulus of a composite considering the orientation distribution of the fillers and the interfacial damage 

Sangryun Lee ${ }^{1}$ and Seunghwa Ryu ${ }^{1, *}$

## Affiliations

1
Department of Mechanical Engineering, Korea Advanced Institute of Science and Technology (KAIST), 291 Daehak-ro, Yuseong-gu, Daejeon 34141, Republic of Korea

* *rresponding author e-mail: ryush@kaist.ac.kr


## Keywords

Homogenization, Micromechanics, Orientation average, Interfacial damage

# https://daneshyari.com/en/article/7170050 

Download Persian Version:
https://daneshyari.com/article/7170050

## Daneshyari.com

