Accepted Manuscript

Sensitivity analysis of parametric uncertainties and modeling errors in computational-mechanics models by using a generalized probabilistic modeling approach

M. Arnst, K. Goyal

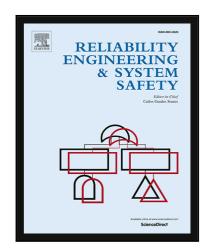
PII: S0951-8320(16)30564-6 DOI: 10.1016/j.ress.2017.06.007

Reference: RESS 5874

To appear in: Reliability Engineering and System Safety

Received date: 30 September 2016

Revised date: 25 May 2017 Accepted date: 6 June 2017



Please cite this article as: M. Arnst, K. Goyal, Sensitivity analysis of parametric uncertainties and modeling errors in computational-mechanics models by using a generalized probabilistic modeling approach, *Reliability Engineering and System Safety* (2017), doi: 10.1016/j.ress.2017.06.007

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

Highlights

- A sensitivity analysis of parametric uncertainties and modeling errors is proposed.
- The proposed method relies on generalized probabilistic modeling.
- Two illustrations relevant to computational mechanics are provided.

Download English Version:

https://daneshyari.com/en/article/5019494

Download Persian Version:

https://daneshyari.com/article/5019494

<u>Daneshyari.com</u>