Accepted Manuscript

System Reliability Assessment with Multilevel Information Using the Bayesian Melding Method

Jian Guo, Zhaojun (Steven) Li, Jionghua (Judy) Jin

PII: S0951-8320(16)30388-X
DOI: 10.1016/j.ress.2017.09.020
Reference: RESS 5958

To appear in: *Reliability Engineering and System Safety*

Received date: 26 November 2016
Revised date: 2 August 2017
Accepted date: 30 September 2017

Please cite this article as: Jian Guo, Zhaojun (Steven) Li, Jionghua (Judy) Jin, System Reliability Assessment with Multilevel Information Using the Bayesian Melding Method, *Reliability Engineering and System Safety* (2017), doi: 10.1016/j.ress.2017.09.020

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

- Investigate methods for integrating multilevel prior information and data through Bayesian melding method
- Update subsystem prior and posterior using system level reliability prior and data
- Posterior reliability inferences using an adaptive sampling importance re-sampling method under multilevel priors and data
- Evaluate system reliability assessment outcomes with varying sample sizes

ACCEPTED MANUSCRIPT

دریافت فوری ← متن کامل مقاله

ISIArticles
مرجع مقالات تخصصی ایران

✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
✓ امکان دانلود نسخه ترجمه شده مقالات
✓ پذیرش سفارش ترجمه تخصصی
✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
✓ دانلود فوری مقاله پس از پرداخت آنلاین
✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات