

Accepted Manuscript

Reliability Modeling and Optimization of Operational Use of One-shot Units

Yao Cheng , Elsayed A. Elsayed

PII: S0951-8320(17)30242-9
DOI: [10.1016/j.res.2018.03.021](https://doi.org/10.1016/j.res.2018.03.021)
Reference: RESS 6105



To appear in: *Reliability Engineering and System Safety*

Received date: 25 February 2017
Revised date: 18 March 2018
Accepted date: 20 March 2018

Please cite this article as: Yao Cheng , Elsayed A. Elsayed , Reliability Modeling and Optimization of Operational Use of One-shot Units, *Reliability Engineering and System Safety* (2018), doi: [10.1016/j.res.2018.03.021](https://doi.org/10.1016/j.res.2018.03.021)

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

- The reliability metrics of the nonhomogeneous one-shot units are derived validated.
- The operational use of the one-shot units is optimized under different scenarios.
- Bounds of the optimal operational reliability are derived and verified.
- A simulation model validated the derived reliability metrics of one-shot units.

ACCEPTED MANUSCRIPT

متن کامل مقاله

دریافت فوری ←

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