## Accepted Manuscript

Probabilistic Competing Failure Analysis in Phased-Mission Systems

Yujie Wang, Liudong Xing, Gregory Levitin, Ning Huang

 PII:
 S0951-8320(18)30286-2

 DOI:
 10.1016/j.ress.2018.03.031

 Reference:
 RESS 6115



To appear in: Reliability Engineering and System Safety

Received date:31 July 2017Revised date:26 March 2018Accepted date:28 March 2018

Please cite this article as: Yujie Wang, Liudong Xing, Gregory Levitin, Ning Huang, Probabilistic Competing Failure Analysis in Phased-Mission Systems, *Reliability Engineering and System Safety* (2018), doi: 10.1016/j.ress.2018.03.031

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:**

- Reliability of phased-mission systems with probabilistic function dependence is analyzed.
- Time-domain competition between failure propagation and probabilistic isolation effects is modeled.
- A detailed case study of a wireless body area network is provided.
- Correctness of the proposed method is verified using Monte Carlo simulations.

## دريافت فورى 🛶 متن كامل مقاله

- 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
- ISIArticles مرجع مقالات تخصصی ایران