## **Accepted Manuscript**

Co-optimization of State Dependent Loading and Mission Abort Policy in Heterogeneous Warm Standby Systems

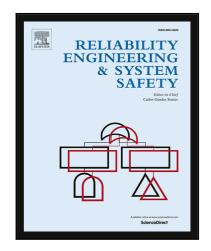
Gregory Levitin, Liudong Xing, Yuanshun Dai

PII: S0951-8320(17)30976-6 DOI: 10.1016/j.ress.2017.12.010

Reference: RESS 6030

To appear in: Reliability Engineering and System Safety

Received date: 21 August 2017 Revised date: 13 December 2017 Accepted date: 17 December 2017



Please cite this article as: Gregory Levitin, Liudong Xing, Yuanshun Dai, Co-optimization of State Dependent Loading and Mission Abort Policy in Heterogeneous Warm Standby Systems, *Reliability Engineering and System Safety* (2017), doi: 10.1016/j.ress.2017.12.010

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**

- 1-out-of-*N*: *G* heterogeneous warm standby system is considered.
- The system mission can be aborted to provide system survival.
- State-dependent component loading and mission abort policies are analyzed.
- Tradeoff between mission success probability and system survivability is considered.

#### Download English Version:

# https://daneshyari.com/en/article/7195253

Download Persian Version:

https://daneshyari.com/article/7195253

<u>Daneshyari.com</u>