Accepted Manuscript

An effective approach for kinematic reliability analysis of steering mechanisms

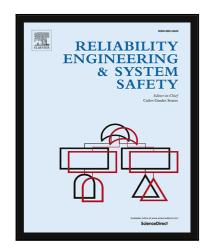
Lei Wang, Xufang Zhang, Yangjunjian Zhou

PII: S0951-8320(17)31260-7 DOI: 10.1016/j.ress.2018.07.009

Reference: RESS 6208

To appear in: Reliability Engineering and System Safety

Received date: 27 October 2017 Revised date: 31 May 2018 Accepted date: 6 July 2018



Please cite this article as: Lei Wang, Xufang Zhang, Yangjunjian Zhou, An effective approach for kinematic reliability analysis of steering mechanisms, *Reliability Engineering and System Safety* (2018), doi: 10.1016/j.ress.2018.07.009

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

- The paper presents an effective Kriging model for kinematic reliability analysis
- It standardizes various kinematic reliability problems via the extreme-value theory
- The kinematic reliability method requires only one round of experimental analyses
- Case studies have shown the proposed methodology has engineering applications

Download English Version:

https://daneshyari.com/en/article/7195053

Download Persian Version:

https://daneshyari.com/article/7195053

<u>Daneshyari.com</u>