

Accepted Manuscript

Remove and Contraction: A Novel Method for Calculating the Reliability of Ethernet Ring Mesh Networks

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PII: S0951-8320(16)30191-0
DOI: [10.1016/j.res.s.2017.06.016](https://doi.org/10.1016/j.res.s.2017.06.016)
Reference: RESS 5883



To appear in: *Reliability Engineering and System Safety*

Received date: 30 June 2016
Revised date: 29 May 2017
Accepted date: 11 June 2017

Please cite this article as: Fathollah Bistouni , Mohsen Jahanshahi , Remove and Contraction: A Novel Method for Calculating the Reliability of Ethernet Ring Mesh Networks, *Reliability Engineering and System Safety* (2017), doi: [10.1016/j.res.s.2017.06.016](https://doi.org/10.1016/j.res.s.2017.06.016)

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Highlights

- A new method named Remove and Contraction (R&C) is proposed.
- R&C is applicable to exact analysis of reliability in Ethernet ring meshes.
- R&C can be used for reliability analysis in complex network systems.
- R&C leads to more accuracy compared to the previous methods.
- The proposed method is efficient to implement.

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