

Accepted Manuscript

Optimal allocation of active redundancies in weighted k -out-of- n systems

Yiying Zhang

PII: S0167-7152(17)30376-0
DOI: <https://doi.org/10.1016/j.spl.2017.12.002>
Reference: STAPRO 8085

To appear in: *Statistics and Probability Letters*

Received date: 22 December 2016

Revised date: 13 December 2017

Accepted date: 17 December 2017

Please cite this article as: Zhang Y., Optimal allocation of active redundancies in weighted k -out-of- n systems. *Statistics and Probability Letters* (2017), <https://doi.org/10.1016/j.spl.2017.12.002>

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- Optimal allocation of active redundancies are studied for weighted k -out-of- n systems comprised of independent and heterogeneous components having different weights.
- Optimal allocation policies are presented for the case of one, two and multiple active redundancies in the sense of the usual stochastic order.
- Some allocation policies known for the k -out-of- n system in the literature are generalized.

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