

عنوان مقاله:

Importance of components in a consecutive-(k, k)-out-of-n:F system having two dependent subcomponents based on Birnbaum measure

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خلاصه مقاله:

Measuring the total contribution of the components in a system is useful for various goals. Therefore, several component importance measures have been introduced in the literature. One of the well-known measures is the Birnbaum component importance measure. This paper concentrates on obtaining the Birnbaum component importance of the components of a consecutive-(k, k)-out-of-n:F system having two dependent subcomponents. A numerical example is also presented to illustrate the obtained results

کلمات کلیدی:

Birnbaum component importance, Consecutive-(k, k)-out-of-n:F system, Dependence

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