

Review of: "A Methodological Contribution to Efficient Dynamic Assessment of Reliability Using Satisfiability Approach"

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Potential competing interests: No potential competing interests to declare.

Comments

The paper investigates a direct way to compute reliability polynomials for computation using the conjunctive normal form. After analyzing the overall content of the paper, the paper should be major revision to present a more complete picture.

1. The content of footnote 1 is not related to the main study of the whole text or the role of the footnote should be to supplement the focus of the paper.
2. The whole paper is more like a mathematical interpretation book, and its content is not structured like an essay, which can be increased by adding some connecting statements to increase its readability.
3. This paper proposes to use DNF calculations directly instead of converting DNF to CNF, so what is the effect of the proposed improvement, the paper does not explain this part further.
4. The paper mentions that it is constructed on three-level numerical tuples, does it apply to other levels of tuples?
5. What are the specific cases to which the findings of the paper can be applied, and what is the outlook for their application?
6. References are also low for the last five years, what is the motivation for this content study?
7. The paper also has some minor grammatical errors that need to be corrected.