Abstract

An innovative as well as illuminating approach for detection of total and multiform symmetric switching functions is proposed. This method is based on modulo-2 sum between existent parameters rather than using maps, charts or large tables. The invariant properties are being revealed by the set of true minterms in accordance with the logical construction of existent
parameters resulting in the reduction of complexity in time-space domain.

References

A Parametric based Technique for Detection of Total and Multiform Symmetric Switching Functions in Logic Synthesis

- Peter M Maurer, "Using Conjugate Symmetries to Enhance Gate-Level Simulations," Dept. of Computer Science, Baylor University #97356 WACO, TX-76798-7356, 2006
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Index Terms

Computer Science  Circuits And Systems

Keywords

Invariant Set  Reduced Invariant Set  Existent Parameter And Displacement.