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## Abstract

In this proposal testing techniques has been done based on calculating reduction of optimal and sub optimal parameters for decision making soft set theory. Previous techniques of reduction in decision making for a Boolean-valued information system of standard soft set are described. Hybrid reduction compared to Maji, Chen, and Kong shows best criterion for parameters reductions on the conclusion part.

**Keywords**: Boolean-valued information system; Extractions reductions; Parameters reductions; Sub optimal decisions reductions; Knowledge management.

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