

SWVP method (Surrogate Worth Value Path) for selecting Goal Programming variant

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Selecting the appropriate Goal Programming variants can be challenging for the decision maker. The question is which Goal Programming variant should be applied and could be considered the most suitable for the problem to be solved and also for the decision maker? The answer to this question depends on the decision maker preferences and the information to be analyzed. In this article, a SWVP method (Surrogate Worth Value Path) is applied to solve this issue. This method is a combination of two methods the Surrogate Worth Trade-off and the method of scaling. This method necessitates determining the SWT function a_{ij} . The aim of this article is to describe this method and to present its applicability through a simple example.