## Mustan Altinkurt, Ahmet Şahiner (Süleyman Demirel University Arts and Science Faculty Department of Mathematics, Isparta, Türkiye) A Study on Optimization in Local Governments by Fuzzy Goal Programming

Fuzzy Goal programming method is a type of the fuzzy multiple goal programming. This method is constructed based on the desirability of decision maker and goal values. Because of this reason the method is one of the efficient methods for multi objective programming.

In this study the problem of determining the best taxation rate in Local Governments is investigated. When optimization problem is solved for both symmetric and asymmetric fuzzy deviations from fuzzy goals, obtained results give us information about using symmetric or asymmetric fuzzy deviations in solving such optimization problems. Thus obtained results give us comprehensive information about the solution.

## References

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