

MATHEMATICS/COMPUTER SCIENCE

Premium Edit

While modeling practical problems in the real world, it is observed that some parameters of the a problem may not be known certainlyprecisely. Specially,For example, the parameters of the model in an optimization problem may it is possible that the parameters of the model be inexact.

SeveralThere are lots of approaches have been proposed for modeling uncertaintysto model uncertainty in optimization problems, for example, stochastic optimization and fuzzy optimization. Here we consider an optimization problem with interval valued objective function. Stancu, Minasian and Tigan [2,3], investigated this kind of an optimization problem with an interval valued objective function. Further, Hsien-Chung Wu [4,5] proved and derived the Karush-Kuhn-Tucker (KKT) optimality conditions for an optimization problem with an interval valued objective function. Here, we consider an optimization problem with an interval valued objective function.

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Comment [A1]: Consider citing some sources to support this.

Comment [A2]: Please provide appropriate citations to support this statement.

Comment [A3]: I have moved this sentence to the end of this paragraph for improved flow.

Comment [A4]: I looked up these citations and found that reference 2 has just one author, Stancu-Minasian, and reference 3 has two authors, Stancu-Minasian and Tigan. Therefore, for clarity, I suggest revising this text to "Stancu-Minasian [2] and Stancu-Minasian and Tigan [3]."