

## MATHEMATICS/COMPUTER SCIENCE

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### Advanced Edit

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

~~Several approaches are available for~~There are lots of approaches to modeling uncertaintiesiesy in optimization problems, for example, stochastic optimization and fuzzy optimization. Here, we consider an optimization problem with an interval valued objective function. Stancu, Minasian, and Tigan [2,3], also investigated this kind of optimization problem. 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.