## An optimization model using soft computing with the randomised response technique

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Full

Text Views

IV. Lagrange Multipliers

Conversation of Fuzzy

Formulation

V. Procedure For

Numbers

Abstract	Abstract:
Document Sections	We explore a randomized response model in a two stage stratified random sampling model and try to minimize the variance
	while taking costs into consideration using the existing optimization model as a guide. Applying the alpha-cut method's optimal
I. Introduction	allocation strategy at the specified alpha value solves the problem. Additionally provided as support for the current study are
	numerical examples.
II. Problem Formulation	
III. Fuzzy Formulation	Published in: 2023 International Conference on Power, Instrumentation, Energy and Control (PIECON)

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