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Optimization of Correlated Multiple Quality Characteristics Using Desirability Function

Ful-Chiang Wu ✉

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Abstract

A real problem in a product or process usually possesses multiple quality characteristics. For the multiple quality characteristics optimization problem, the most popular method for simultaneous quality characteristics optimization is the desirability function approach. However, the variation and correlation between quality characteristics are usually ignored in this approach. The variation reduction through robust design introduced by Taguchi is a major concept. This research presents an approach ... on the modified ... the effective ... from previ...

🔍 Keyword

Taguchi m

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