

## Attribute Selection for Preference Functions in Engineering Design

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**Abstract :** Industrial Engineering is a broad multidisciplinary field with intersections and applications in numerous areas. When designing a product, it is important to determine the appropriate attributes of value and the preference function for which the product is optimized. This paper provides some guidelines on appropriate selection of attributes for preference and value functions for engineering design.

**Keywords :** decision analysis, industrial engineering, direct vs. indirect values, engineering management