A Study of Applying Game Theory on Multiple Attribute Decision Making－Case of Evaluating Operational Factors in High-Te

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ABSTRACT

Multiple Attribute Decision Making is an evaluation method often used by decision makers and widely used in many management areas. Most of methods lack for the mathematic theory to support in several Multiple Attribute Decision Making methods. For well effect in many other application with the game theory , this study will develop a Multiple Attribute Decision Making with game theory. Operational factors of semiconductor industry is used as this study's case and according to this case verified this study's application.

Keywords : Multiple Attribute Decision Making (MADM), game theory, Semiconductor industry

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