Abstract

Multi-criteria decision support systems are used in various fields of human activities. Every alternative multi-criteria decision making problem can be represented by a set of properties or constraints. The properties may be qualitative & quantitative. There are different unit, as well as there are different optimization techniques to measure these properties. In this paper a developed fuzzy ANP model is proposed. This model helps decision makers to rank different scenarios of electrical power generation in Egypt. After that a comparison is made between the proposed model and the other ANP techniques.
A Developed Multi-Criteria Decision Making Model to Rank Different Scenarios of Electrical Power Generation in Egypt


Index Terms

Computer Science
Artificial Intelligence

Keywords

Fuzzy; Analytic network process; Gaussian function; Decision-making.