Evaluation of effective parameters on strength of metal specimen adhesion with polymers

Original Research, A1

Zimov F, Polat A, Saha B.


ABSTRACT:

Key Words: Polymer
Evaluation of mechanical, thermal and electrical properties of graphite base nanocomposites

Original Research, A2

Solomon T, Joeva R, Rodzina S.


A BSTRACT:

Key words: Graphite, Nanocomposites, Mechanical, Thermal
Investigation of Exfoliation and Intercalation in Clay Nanocomposites

Original Research, A3

Ali D.

Abstract:
In this study the effect of filling of clay nanoparticle in the polymer base composite and the intercalation, exfoliation ... completed exfoliation of silicate layers is the fundamental to reaching polymer/clay nanocomposites that perform well.

Key words: Exfoliation & Intercalation,
Performance Improvement Priorities: Integrative Model of Organizational Excellence Model and Balanced Scorecard Approach

Original Research, A5

Hoseini Nasab H., Bagheri F., Esfahani M J.

ABSTRACT:

A Priorities for Improvement, EFQM Model, Balanced Scorecard, TOPSIS Method

Keywords: Priorities for Improvement, EFQM Model, Balanced Scorecard, QFD, TOPSIS Method
A New Method for Solving the Generalized Interval-Valued Fuzzy Numbers Linear Programming Problems

Mahmoodirad A., Hassasi H., Molla-Alizadeh-Zavardehi S., Esfahani M. J.

Abstract:
In this paper, we concentrate on linear programming problems in which the cost vector, the technological coefficients and the right-hand side are represented by generalized interval-valued trapezoidal fuzzy numbers. The aim is to find the optimal results of the problem if the fuzzy numbers can be solved by the linear programming methods. Finally, we give an illustrative example and its numerical solutions.

Keywords: Linear Programming Problem, Generalized Interval-Valued Fuzzy Numbers.

Ranking Tehran Healthcare Centers based on Service Quality using Fuzzy Data Envelopment Analysis

Tabatabaei Mehrizi S.M.

Abstract:
The customer is one of the most effective environmental factors in health services organizations. Experts of management believe that the quality of the service has a positive impact on the market share of the organization. In this study, 120 Tehran-based hospitals were selected, of which 101 were selected randomly. These clinics were then ranked regarding the quality of their services using DEA.

Keywords: Ranking of Healthcare Centers, Service Quality, Fuzzy DEA.
The Measuring Efficiency in Data Envelopment Analysis with Genetic Algorithm

Taghaodi R., Esfahani M.J., Molla-Alizadeh-Zavardehi S., Mahmoodi Rad A.

Abstract:

Keywords: Data Envelopment analysis, Genetic Algorithm

Acronyms: DMUs, DEA, GA, TDEA, ADEA, RNDEA, and LSEDEA

Table 1. Taguchi Orthogonal Array for Four Factors

Table 2. Performance of Different DEA Approaches for Four Factors