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

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.


ABSTRACT:

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

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,

A Ringed Contact Friction and Boundary Lubrication Test instrument design

Rahman A. and Memedov B.

Abstract:
A simple, inexpensive, easy to use, and very accurate annular contact friction and boundary lubrication tester is ... well suited for simulating and studying the surface contact phenomena which arise in multiple disc brakes and clutches.
Performance Improvement Priorities: Integrative Model of Organizational Excellence Model and Balanced Scorecard Approach

Original Research, A5

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

A BSTRACT:


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 ... 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 Trapezoidal Fuzzy Number

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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 ... the Tehran-based clinics were selected. These clinics were then ranked regarding the quality of their services using DEA.
**Keywords:** Healthcare services institutes, Quality of services

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**The Measuring Efficiency in Data Envelopment Analysis with Genetic Algorithm**

**Abstract:**

An important objective of Data Envelopment Analysis (DEA) is to evaluate the efficiency of decision making units (DMUs). In this paper, the authors present a method to measure the efficiency of DMUs using a genetic algorithm. The method involves maximizing the efficiency of the DMUs under input and output constraints. The parameters are calibrated by means of the Taguchi experimental design in order to improve their performances.

**Keywords:** Data Envelopment analysis, Genetic Algorithm

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