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.


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,

A Ringed Contact Friction and Boundary Lubrication Test instrument design

Original Research, A4

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.

Exfoliation & Intercalation,
**Abstract:**

Due to increase in the strategic and quality management programs in organizations, the need for a comprehensive improvement model is increasing. The purpose of this study is to determine the priorities for improvement of an organization and to suggest suitable improvement methods. The model of organizational excellence, EFQM Model, Balanced Scorecard, and QFD are used in this study. Priorities for improvement are identified by the TOPSIS method. Finally, suggestions for managers and researchers are discussed.

**Keywords:** Priorities for Improvement, EFQM Model, Balanced Scorecard, QFD, TOPSIS Method

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**Performance Improvement Priorities: Integrative Model of Organizational Excellence Model and Balanced Scorecard Approach**

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


A **BSTRACT:**

A Priorities for Improvement, EFQM Model, Balanced Scorecard Approach, 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 interval-valued fuzzy numbers. We propose a new method for solving these problems. A comparison is made between the proposed method and other methods in the literature. Numerical examples are provided to illustrate the performance of the proposed method.

**Keywords:** Linear Programming Problem, Generalized Interval-Valued 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 in the Tehran-based clinics were selected. These clinics were then ranked regarding the quality of their services using DEA.

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Keywords: Healthcare services institutes, Quality of services

The Measuring Efficiency in Data Envelopment Analysis with Genetic Algorithm

Original Research, A8

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

Abstract: Data Envelopment analysis, Genetic Algorithm

Keywords: Data Envelopment analysis, Genetic Algorithm