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**

**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,

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**A Ringed Contact Friction and Boundary Lubrication Test instrument design**

**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.

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**Investigation of Exfoliation and Intercalation in Clay Nanocomposites**

**Original Research, A3**

Ali D.


**Abstract:**

**A Ringed Contact Friction and Boundary Lubrication Test instrument design**

**Original Research, A4**

Rahman A. and Memedov B.


**Abstract:**
**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:**

Due to increase in the strategic and quality management programs in organizations, the need for a comprehensive framework to prioritize improvement and efficiency is critical. The paper proposes an integrative model that combines the Organizational Excellence Model (EFQM) and the Balanced Scorecard approach. The model identifies key performance indicators and prioritizes improvement areas.

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

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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 constraint coefficients are represented as generalized interval-valued trapezoidal fuzzy numbers. In such situations, this problem 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 and more than 2000 clients were interviewed and the most important criteria were determined. The clients of seven different clinics located in Tehran city were selected. These clinics were then ranked regarding the quality of their services using DEA.
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:

Keywords: Data Envelopment analysis, Genetic Algorithm.