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

Zimov F, Polat A, Saha B.


ABSTRACT: A
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, Clay, Nanocomposites

### 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.

**Key words:**
A 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 approach to improve the performance of organizations becomes more important. One of the most effective ways to achieve this goal is to have a clear understanding of the challenges and priorities for improvement and to align them with the strategic vision of the organization. This study aims to present a performance improvement model based on the EFQM model. The approach proposed in this paper is an integrated model that is developed to cover all the areas of organizational performance. The model is developed based on the balanced scorecard method and the priorities for improvement are identified. Finally, suggestions for managers and researchers are discussed.

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

Original Research, A6

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

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

Original Research, A7

Tabatabaei Mehrizi S.M.

ABSTRACT:
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