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.


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.
Keywords: Ringed contact, Friction, Boundary Lubrication

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: A Priorities for Improvement, EFQM Model, Balanced Scorecard Approach.
A New Method for Solving the Generalized Interval-Valued Fuzzy Numbers Linear Programming Problem

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 generalized interval-valued trapezoidal fuzzy numbers. A new approach to construct membership functions of fuzzy variables is introduced. Then, a new linear programming method is presented for solving such problems. 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 successful individuals in the field of health services and management in Tehran attended the workshop. A total of 15 clinics in Tehran and its surrounding areas were selected. These clinics were then ranked regarding the quality of their services using DEA.
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:

Keywords: Data Envelopment analysis, Genetic Algorithm