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

Original Research, A1

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,

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:
Abstract:
Due to increased use of strategic and quality management programs in organizations, the need for a comprehensive model that combines the EFQM Model and the Balanced Scorecard is essential. The study aims to develop an integrative model of organizational excellence. The research method includes questionnaire and interview surveys, and the priorities for improvement are identified. Finally, suggestions for managers and researchers are discussed. The keywords for this research are: Priorities for Improvement, EFQM Model, Balanced Scorecard, QFD, TOPSIS Method.

Performance Improvement Priorities: Integrative Model of Organizational Excellence Model and Balanced Scorecard Approach
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 of the constraints are generalized interval-valued trapezoidal fuzzy numbers. By dividing the linear programming problem into several problems, we can solve it by the classical linear programming methods. The obtained theorems and theorems 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 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, customers, and researchers from this field stressed the importance of health services in developing countries. Under these conditions, the effects of the quality of health services on the health of the population and the development of the development of the product center. In this study, the health care centers based on the city of Tehran 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

Keywords: Healthcare services institutes, Quality of services