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.


A BSTRACT:

Key words: Graphite, Nanocomposites, Mechanical, Thermal.
Investigation of Exfoliation and Intercalation in Clay Nanocomposites

 Araştırma, A3

Ali D.

On abstract:

Key words: Exfoliation & Intercalation,

A Ringed Contact Friction and Boundary Lubrication Test instrument design

 Araştırma, A4

Rahman A. and Memedov B.

On 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 approach to prioritize the performance improvement is evident. The purpose of this study is to improve the performance in organizations using an integrative model of Organizational Excellence Model and Balanced Scorecard Approach. The case study methodology is used to analyze and identify the priorities for improvement. The results show that the organizational excellence model is complementary with the balanced scorecard approach, and the interaction between the four perspectives of balanced scorecard with the five criteria of the organizational excellence model is the reason for the success of the study. 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

Mahmoodirad A., Hassasi H., Molla-Alizadeh-Zavareh 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 numbers are fuzzy numbers. Since a linear programming problem with fuzzy numbers leads to a fuzzy optimization problem, we can’t solve it by the linear programming methods. 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 Trapezoidal Fuzzy Number

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 city of Tehran, Iran, and the quality and efficiency of the services provided in the Tehran-based clinics 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 service