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.


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

Original Research, A3

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

Original Research, A4

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.
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 model to improve performance and organizational excellence has become apparent. This study aims to develop an integrative model combining the EFQM Excellence Model and the Balanced Scorecard approach. The model is designed to prioritize performance improvement areas. The research employs a literature review and a case study to validate the model. Key priorities for improvement are identified through the TOPSIS method. 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-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

Tabatabaei Mehrizi S.M.  

Abstract: The customer is one of the most effective environmental factors in health services organizations. Experts of management ... 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

Taghaodi R., Esfahani M.J., Molla-Alizadeh-Zavaredehi S., Mahmoodi Rad A.

Abstract:

Data Envelopment analysis, Genetic Algorithm

Keywords: Healthcare services institutes, Quality of services, Fuzzy data envelopment analysis