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Abstract: The Reliance Corporation is a large, fully integrated petroleum company based in India. The company produces most of its oil in its own oil field. A large distribution network is used to transport the oil to the company’s refineries and then to transport the petroleum products from the refineries to Reliance’s distribution centres. This work represents transportation problem and addresses the transportation flow of refined & processed oil from the refineries to the company’s distribution centres. The aim is to achieve the minimum cost of transportation flow, since the cost minimization directly relates to the company’s profitability of which is representing operation efficiency. The transportation model is converted into linear programming problem and is solved using MATLAB software. The models were studied based on a real-time data model and as example of transportation flow of oil from various refineries to various distribution centres.

Keywords: Transportation, Linear Programming, MATLAB, OIL Refinery.

References:
Abstract: In this paper, an efficient Random Iterative Based Particle Swarm Optimization for Intrusion Detection has been proposed. The improved technique using less number of power switches without any complexity in the circuit. The results show the improvement in detection as compared to the previous method. The average accuracy obtained by our approach is 91.3 %.

Keywords: RIPSO, Intrusion Detection, DoS, U2R, R2L and Probe.

References:
16. LI Han, “Using a Dynamic K-means Algorithm to Detect Anomaly Activities”, Seventh International Conference on Computational Intelligence and Security, 2011.
17. Z. Muda, W. Yassin, M.N. Sulaiman, N.I. Udizir, ” Intrusion Detection based on K-Means Clustering and Naïve Bayes Classification “, 7th International Conference on IT in Asia (CITA), 2011.

Authors: Sonal M. Wange, Shiv K. Sahu, Amit Mishra
Paper Title: An Efficient Random Iterative Based Particle Swarm Optimization for Intrusion Detection

Authors: Datar Singh Nathawat, Vishnu Goyal
Paper Title: A Symmetric 9 - Level Multilevel Inverter with Minimum Number of Device
References:
1. Krishna Kumar Gupta and Shailendra Jain “A Novel Multilevel Inverter Based on Switched DC Sources”, IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, VOL. 61, NO. 7, JULY

Authors: M.V. Dhiyva Lakshmi, S.P.G.Bhavani

Paper Title: A Fuzzy Based Power Factor Corrected Bridgeless Converters Fed BLDC Motor

Abstract: This paper presents a power factor corrected (PFC) bridgeless (BL) converters-fed brushless direct current (BLDC) motor drive as a cost-effective solution for low-power applications. An approach of speed control of the BLDC motor is by controlling the dc link voltage of the voltage source inverter (VSI). This facilitates the operation of VSI at fundamental frequency switching by using the electronic commutation of the BLDC motor which offers reduced switching losses. A Bridgeless configuration of the various non-isolated converters such as (Buck-boost, CUK, SEPIC) are proposed which offer the elimination of the diode bridge rectifier thus reducing the conduction losses associated with it. The performance of the proposed drive is studied and simulated in MATLAB/Simulink environment.

Keywords: Bridgeless (BL) converters, Power factor correction (PFC), Brushless dc motor, PI controller, Fuzzy controller.

References:
14. “A Voltage-Controlled PFC CUK Converter-Based PMBLDCM Drive Using Fuzzy Logic Controller”, Dr.B.SANJIVA RAO, Phd, Mr.M.KONDAUL,(Phd).

Authors: Derya Demirkol, Tamer Dag, Taner Arsan

Paper Title: Comparison of Various Indoor Positioning Systems Techniques

Abstract: Localization is one of most important topic. GPS is perfectly working outside environment. However it is not possible to use indoor environment. In this paper, Triangulation, Maximum Likelihood and Fuzzy Logic algorithms were developed. Algorithms work with same environment and same conditions. Algorithms were compared each other in order to find better accuracy.

Keywords: Indoor positioning, triangulation, maximum likelihood, fuzzy logic, received signal strength, wireless

References:

network.

References: