JAKUBANY WATER TREATMENT PLANT CORROSION TESTS

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Abstract

Structural degradation in all metallic pipelines is primarily caused by external corrosion, which is dependent on both environmental and operational factors. On the other side, internal corrosion may seriously impair a distribution system's functionality (hydraulics, water quality). Corrosion of water pipes has a significant impact on the long-term performance and reliability of water systems. STN 75 7151 and ASTM D2688-11 are used to assess the test. At the Jakubany water treatment facility, corrosion experiments were conducted on raw and processed water.

THE INFLUENCE OF MOTHER TONGUE ON ENGLISH COMMUNICATION: A STUDY

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Abstract: *- English is a worldwide, universal, and international language.... When learning a new language, our first instinct is to employ sounds from the language we learned it in. When it comes down to it, every person has some degree of mother tongue influence (MTI). For individuals proficient in the second language, the number of listeners is steadily increasing.learning a new language by speaking and fixing your own faults is a gradual process.The original English pronunciation of mother tongue sounds. It's a business language, in that sense.*

Using (Integer) Linear Programming and Metaheuristics for Combinatorial Optimization

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Abstract: *- There are a number of different strategies available for dealing with difficult optimization problems. Two particularly successful methodologies for dealing with combinatorial challenges are mathematical programming techniques, which include (integer) linear programming-based methods and metaheuristic approaches. These two organisations were created by different communities that were more or less isolated from one another. Building hybrids of mathematical programming techniques and metaheuristics has just recently gained widespread attention from academics, who have recognised the many advantages and enormous possibilities of doing so. When it comes down to it, many issues may be dealt with significantly more successfully by using synergy between these different methodologies than by using "pure" classical algorithms. How mathematical programming methods and metaheuristics should be coupled to get these benefits is the central question. In the last several years, a slew of new procedures have been introduced. In this chapter, after providing a brief introduction to the basics of integer linear programming, we review well-known solutions for such combinations and divide them into ten different methodological groups.*

"A STUDY ON CASH RECEIVABLES MANAGEMENT" IN RELIANCE

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ABSTRACT:
The study focused at trade credit and the ideas utilized by firms to manage account receivables in Ghana's diverse sectors since account receivables make up a major portion of current assets in manufacturing and wholesale enterprises. As a consequence, the study was able to discover examined the benefits and drawbacks of Ghanaian companies' accounts receivable procedures. provide an approach that is both cost-effective and efficient Some of the terminology used in this article are account receivable management, account receivable policy, trade credit, and finance.

Research Paper on Business Bridge Application

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Abstract:

Investment in India is a business-based idea. I will be in my project giving investors with a platform and connecting people with strong business concepts. This will change how much you can invest and where the money can be invested. Good investment returns. Good investment returns. Here are two forms - one for investors and one for business persons with contacts details. There is a case in which people have spare funds to park this amount Banks or Gold. Banks or Gold. I am here studying the possibilities of directly investing these excess cash Company linking investors and corporate people. I build the application that brings investors and business people together and vice-versa. I shall charge both ends for the use of my application. The need to design this initiative was to bridge the enormous communication gap business persons and investors and also no time to communicate on the common platform. In order to address these drawbacks, I build this platform. Application.

FUNCTIONAL ARCHITECTURE OF INTEGRATED FRAMEWORK FOR FACET-BASED DATA COLLECTION AND ANALYSIS

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Abstract*: - We present in this paper an integrated framework for collection and analysis of Facet-based text data. The integrated framework consists of four components: (1) user interface, (2) web crawler, (3) data analyzer, and (4) database (DB). User interface is used to set input Facet and option values for web crawling and text data analysis using a graphical user interface (GUI). In fact, it offers outcomes of research by data visualization. The web crawler collects text data from articles posted on the web based on input Facets. The data analyzer classifies papers in "relevant articles" (i.e., word sets to be included on such posts) and "no relevant articles" with predefined information. It then analyzes the text data of the relevant articles and visualizes the results of the data analysis. Ultimately, the DB holds the generated text information, the predefined user-defined expertise and the outcomes of data analysis and data visualization. We verify the feasibility of an integrated framework by means of proof of concept (PoC) prototyping. The experimental results show that the implemented prototype reliably collects and analyzes the text data of the articles.*

A COMPARATIVE ANALYSIS ON DEEP LEARNING ALGORITHMS FOR LARGE OUTPUT SPACES

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Abstract:

Natural language processing has a wide range of applications like voice recognition, machine translation, product review, aspect-oriented product analysis, sentiment classification and processing like email analysis several different research projects have utilized deep learning approaches in NLP. Supervised or unsupervised hierarchical deep learning is done with unsupervised or supervised methods in deep learning. Long Short-Term Recurrent Network (LSTM) and General CNN are among the most popular deep learning methods (LSTM). Beneficial in the field of AI and can be felt in many fields. Approaches like artificial intelligence have been particularly effective in simplifying the complexity and challenges in image recognition. Also aims to investigate a wide variety of deep learning topics, with a special focus on various methods and architectures.