VOLUME 13 ~ ISSUE 1

SERIES - 1 [JANUARY - 2024]

CATEGORIES

SUBMIT PAPER (submit.php)

PAYMENT OPTION (publication_charge.html)

Citation

Abstract

BibTax

PDF Download (papers/vol13-issue1/A13010115.pdf)

Certificate (papers/certificates/volume-13/Issue-1/THEIJES-1.pdf)

Paper Title	::	**Adaptive Customization Detection Model based on Knowledge Discovery**
Author Name	::	Rehab Khaled Mohamed, Ayman E. Khedr, Mona Nasr
Page Number	::	01-15
doi>	::	10.9790/1813-13010115

Due to the fast growth of internet technology, there is a lot of text data online that can be used to classify text. Taxes on international trade have traditionally brought in a lot of money for most countries' governments. Goods that crossed national borders were easy to track down, and goods were held until taxes and duties were paid. This made it harder to avoid paying taxes, and duty rates were often clear, so most problems with valuation were avoided. Customs administrations handle an enormous volume of trade. Among its responsibilities are risk management and the discovery of abnormalities and illegal consignments in import declarations. These activities are crucial since import tariffs make up a significant share of total tax collection. Even though the customs system says it is anti-corruption and anti-fraud, as shown by the cases above, malfeasance continues in the revenue collection system.....

Key Words: Customs Fraud, Text mining, Classification

@article{key:article,
author = {Rehab Khaled Mohamed, Ayman E. Khedr, Mona Nasr},
title = {Adaptive Customization Detection Model based on Knowledge Discovery},
journal = {The International Journal of Engineering and Science},
year = {2024},
volume = {13},

CALL FOR PAPER (call_for_paper.html)

REVIEW PROCESS (reviewprocess.html)

ETHICS (Ethics.html)

CONTACT US (contact_us.html)

PAPER FORMAT & COPYRIGHT FORM (download.html)

ARCHIVE (archives.html)

CURRENT ISSUE (current-issue.html)

SPECIAL ISSUE (special_issue_archive.html)

UPCOMING CONFERENCE (upcoming_conference.html)

CHECK PAPER STATUS

```
number = {01},
pages = {01-15},
month = {January}
}
```

(check-paper-status.php)

Citation

Abstract

BibTax

PDF Download (papers/vol13-issue1/B13011621.pdf)

Certificate (papers/certificates/volume-13/Issue-1/THEIJES-2.pdf)

Paper Title	::	**Studying the presence of the Fibonacci sequence and the Golden Ratio in nature along with the general public's perception of the concept**
Author Name	::	Zubin Ghoshal
Page Number	::	16-21
doi>	::	10.9790/1813-13011621

This paper studies the concept of Fibonacci's sequence and the Golden Ratio alongside its presence in nature and the public's perception of this mathematical concept. The latter part is done by examining a collection of data from an online survey consisting of 10 questions, 5 being multiple choice style questions and the other 5 being short answer type questions. This research shows that although approximate instances of the Fibonacci Sequence and the Golden Ratio are present in nature, the majority of the public have limited knowledge of the concept. It is also observed that those involved in more technical fields involving some form of mathematics know more about the concept than those who are involved in fields with less of a need for mathematics.

@article{key:article,
author = {Zubin Ghoshal},
title = {Studying the presence of the Fibonacci sequence and the Golden Ratio in nature along with the general public's perception of the concept},
journal = {The International Journal of Engineering and Science},
year = {2024},
volume = {13},
number = {01},
pages = {16-21},

month = {January}
}

Citation

Abstract

BibTax

PDF Download (papers/vol13-issue1/C13012225.pdf)

Certificate (papers/certificates/volume-13/Issue-1/THEIJES-3.pdf)

Paper Title	::	**Integration Systems Of Cattle With Palm Oil Estate In East Kalimantan Province, Indonesia**
Author Name	::	Akas Pinaringan Sujalu, Abdul Patah, Akas Yekti Pulihasih
Page Number	::	22-25
doi>	::	10.9790/1813-13012225

Integration of cattle with oil palm is a potential crop-livestock farming system to be developed in Indonesia because it is supported by an oil palm plantation area of around 7 million hectares and good adaptability of cattle. SISKA eases the work of harvesters in collecting fresh fruit bunches (FFB) thereby increasing the work ability of harvesters from 10 ha to 15 ha. Cattle produce manure that has the potential to be used as compost (fertiliser) to reduce the use of chemical fertilisers and production costs. Palm oil plantation by-products (fronds, leaves, grass, solid, palm kernel cake) can be utilised for animal feed.....

Key Words: Palm oil waste, palm oil industry waste, Integration, Oil Palm Plantation, Cattle.

@article{key:article,
author = {Akas Pinaringan Sujalu, Abdul Patah, Akas Yekti Pulihasih},
title = {Integration Systems Of Cattle With Palm Oil Estate In East Kalimantan Province, Indonesia},
journal = {The International Journal of Engineering and Science},
year = {2024},
volume = {13},
number = {01},
pages = {22-25},

month = {January}
}

Citation

Abstract

BibTax

PDF Download (papers/vol13-issue1/D13012634.pdf)

Certificate (papers/certificates/volume-13/Issue-1/THEIJES-4.pdf)

Paper Title	::	**Finite element analysis of a small nozzle flow meter**
Author Name	::	Min-Ming Cui, Bo-Jie Xu, Bo Wang
Page Number	::	26-34
doi>	::	10.9790/1813-13012634

Nozzle flowmeter is a differential pressure generator for measuring flow rate. It can measure the flow rate of various fluids in pipeline with various differential pressure gauges or differential pressure transmitters. This paper mainly analyzes the stress and strain of different core materials, different load positions and displacement of forgings under the same load. Through the analysis of this paper, we can find the weak link of nozzle flowmeter, and we can easily know how to select material and manufacturing process in the future design.

Keywords: Nozzle flowmeter; Finite element; Material; Numerical analysis

@article{key:article,
author = {Min-Ming Cui, Bo-Jie Xu, Bo Wang},
title = {Finite element analysis of a small nozzle flow meter},
journal = {The International Journal of Engineering and Science},
year = {2024},
volume = {13},
number = {01},
pages = {26-34},
month = {January}
}