Certificate

Golden Research Thoughts

This is to certify that our Editorial, Advisory, and Review Board Accepted Research Paper of Dr. /Shri. /Smt.: V. P. Patil Topic:- Development Of Source Code For Hardy Cross Method In C#.net For Water Distribution Network College:- Assistant Professor of Mathematics, Department of Farm Structures and Electrification, Dr.A.S. College of Agril.Engg.,Mahatma Phule Krishi Vidhyapeeth,Rahuri, Dist: Ahmednagar (MS)The Research paper is Original & Innovative it is Done Double Blind Peer Reviewed. Your Article is Published in The Month of May Year 2014

Authorised Signature
Inshinde
T.N. Shinde
Editor-in-Chief

How to Write Articles

Here are a few basic steps to take to craft an interesting, informative article.

Method 1 of 3: Come Up With An Idea

1.Get to know your audience. Decide who you need to write for before proceeding with planning or writing an article. Identify the needs of your readership. What do your readers need to know? How does your own knowledge matchup against the information they need? This will be the easiest way for you to find a topic to write about

2.Be unique. If you are writing an article about something that other people are also writing about, try to be unique in how you approach the material

3.Be passionate. You should care about the topic you choose to write about. Your enthusiasm will show in your writing and it will be much more engaging for your readers

Method 2 of 3: Research Your Idea

1.Learn the basics. Get the general explanation of whatever you are trying to write about. This will give you a basic framework for what to look for as you research.

2. Find reliable sources. Now that you know what to look for, research your topic. You can use the internet, a library, conduct interviews, watch documentaries, or whatever you feel is appropriate to teach you everything you need to know about your topic. Be an expert!

3.Get different types of material. During your research, look for material that isn't text. This can be used or altered to add to your article.

Method 3 of 3: Write Your Article

1.Decide your length. Does this article have a word count? Do you need to fill a certain number of pages? Consider what type of content you're writing about and how much space that can fill, as well as how much needs to be written in order to cover the topic adequately, before proceeding with writing your article.

2.Outline your article. Before you begin formal writing, you will want to outline your article.

3.Edit your work. Before you submit your work, you will want to do some editing and revision. If time allows, wait for a day or two before editing

4.Respect the rights of other writers. If you are using information from an external source, be sure to cite the source at the bottom of the article.

5.Submit your work. When you've finished, submit your work in the appropriate manner.

Authorized Signature

Kota

Rajani Kota
Review Editor

Happy Writing...

Article Review Report

Golden Research Thoughts

ORIGINAL ARTICLE

Your Article QR Code

Development Of Source Code For Hardy Cross Method In C#.net For Water Distribution Network

See your article on Mobile

==::Your article is deposited in::=					DRJI
GO ARTICLE (United States)	DOAJ (Sweden)	ZOTERO (United States)	GOOGLE SCHOLAR (United States)	CITULIKE (United States)	MY NET RESEARCH
DIGG (United States)	MENDALEY (United Kingdom)	DELECIOUS (United States)	FIGSHARE (United States)	ENDNOTE (Ireland)	Easybib.Com (United States)

Correspondence to,
V. P. Patil
Assistant Professor of Mathematics, Department of Farm Structures and Electrification, Dr.A.S. College of Agril.Engg.,Mahatma Phule Krishi Vidhyapeeth,Rahuri, Dist: Ahmednagar (MS)

Happy Writing...

ABSTRACT:

As water distribution networks have been a part of the modern living, it is necessary to know the behavior of a water distribution network under different conditions. There are different methods of pipe network analysis but most of the methods are very complex and hence time consuming to find out the desired results manually.

Abstract Report: The Title Accurately Said The Study was About.

INTRODUCTION:

Next to air, water is the most essential commodity required to maintain life. The present uses of water are varied and may be classified as domestic, public and industrial. A modern water supply system includes facilities for collection and storage, transportation, pumping, treatment and distribution of water. Distribution works include distribution and equalizing reservoirs, pipes, valves, fire hydrants and other appurtenances. Water distribution networks have been a part of the modern living.

Introduction Report: This Article Include Full Introduction, Methods, Results & Introduction Section.

METHODS & MATERIALS:

1.Assume a most suitable distribution of flow that satisfies principle of continuity at each junction.2.With the assumed values of discharge (Q), compute the head losses for each pipe by using Darcy-Weisbach equation.3.Compute the net head loss around each loop considering the head loss in clockwise flows as positive. And in anti-clockwise flows as negative. For a correct distribution of flow, the net head loss around each loop should be equal to zero.

Methods & Materials Report: Figures that the plotted parameters are clearly mentioned.

RESULT:

In above iterations, r is roughness factor of the pipe, Q is initial discharge in the pipe (m /s). It was observed that the 0 Hardy Cross method converged in iteration 3.

Result Report: Figures are Imported to Provide Explanation for Background Information. Conclusion of This Paper Clearly Supported Results.

CONCLUSION

:The source code for the Hardy Cross method was developed for the single set of diameters in the two loop network. The source code can be generated for more than one set of diameters when the cost of the network is to be optimized by using the optimization techniques such as genetic algorithm where the population of all possible solutions needs to be generated.

Conclusion Report: The Text is Rounded off with a Conclusion that Discusses the Implication of The Findings & Ideas Discussed & Their Impact on Future Research Direction.

REFERENCES:

- Cross, Hardy. (1949). Analysis of Continuous Frames by Distributing Fixed-End Moments. In Numerical Methods of Analysis in Engineering. Successive Corrections. L B. Grinter, ed. New York.th
- Lindell E. Ormsbee (2006)8 Annual Water Distribution Systems Analysis Symposium, Cincinnati, Ohio, USA, August 27-30, 2006
- Lopes. A. M. G. (2004) Computer Applications in Engineering and Education, 12: 117- 125, Published online in Wiley Inter Science
- Jeng D. S. (2004)Proceedings of the third international conference on Engineering computational technology Stirling, Scotland Pages: 11 - 12 Year of Publication: ISBN:0-948749-84-9
- Jakobus E. Zy.l (2008) Journal of Hydrolog, Volume 134, Issue 8, pp. 1176-1179

Reference Report: Citations help to show how a manuscript fits into the bigger picture of scientific research. When readers. When readers understand what previous studies found and what puzzles author study relates to.

RECOMMENDATIONS:

Abstract Report: Introduce New Regular For Content & Communication.

SUMMARY OF ARTICLE:

	Very	High	Average	Low	Very Low
1. Interest of the topic to the readers	✔				
2. Originally & Novelty of the ideas	✔				
3. Importance of the proposed ideas			✔		
4. Timelines	✔				
5. Sufficient information to support the assertions made & conclusion drawn		✔			
6. Quality of writing(Organization, Clarity, Accuracy Grammer)	✔				
7. References & Citation(Up-to-date, Appropriate Sufficient)			✔		

This Article is Innovative & Original, No Plagiarism Detected

Future Research Suggestions

This Article can expand further research for MINOR/MAJOR Research Project at UGC

Future Research Planning :

1. Mathematical Current Events (http://www.math.unl.edu/~s-kfield1/203currentevent.htm)
2. Open Online Courses in Mathematics (http://www.onlinecourses.com/math/)
3. Upcoming project in Mathematics (http://archives.math.utk.edu/projnext/)
4. 17th March 2014 International Conference on Mathematics and Physics (ICMP 2014) Chennai, India (http://www.saise.org/icmp2014)
5. 25th March 2014 AICON-2014 (All India Conference on Intelligent System) DURG, India (http://aicon2014.in/)
6. 11th July 2014 INTERNATIONAL CONFERENCE ON MANAGEMENT, BUSINESS & ECONOMICS - 2014 Pondicherry, India
7. Related Essay Topic : The Role Mathematical Reasoning has played in the History of Cryptography