

CO 480 Editorial Review – Spring 2015

Reviewer

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Project Information

Person Isaac Newton
Place not obvious
Problem Discovery of Calculus

Summary and Evaluation

Please see the *Guidelines for Editorial Reviews* for instructions.

Completeness - Person 2
Completeness - Place 2
Completeness - Problem 2
Evaluation Competent

Fact Checking

The facts are correct and no important omissions were noted. Or ...

- Typographical error. Page 7, Line +11. “1673” should be “1637”
- Error. Page 7, Line –5. Newton was not the first to make use of a chord to suggest a means of defining a tangent. Barrow did this in 1670 in *Lectioes Geometricae*.
- Dispute. Page 9, Line +3. You quote Napoleon “Women are nothing but machines for producing children.” and assert that such an attitude dominated Europe at the time. However, both Queen Elizabeth and Queen Victoria are clearly counterexamples.
- Omission. Page 11, Line –12. In describing the growth of science in Europe in the 1400’s, you omit the contributions of Moorish scholars in Cordoba who provide training and texts to visiting Europeans.

Editing

- Typographical error. Page 7, Line +11. “nad” should be “and”
- Phrasing. Page 7, Line –5. The sentence “Blah blah blah” is much too long. You could break it up as “Blah. Blah. Blah.”, or shorten it to “Blah. Less blah.”
- Confused. Page 9, Line +3. You say “Blah.”. Were you intending to say “Halb.”?

Mathematics

The mathematics is/is not targeted at a suitable audience.

- Typographical error. Page +7, Line +11. $f(x, y)$ should be $f(y, x)$.
- Phrasing. Page 7, Line -5. Use induction and make your argument more formal.
- Error. Page 9, Line +3. Your argument assumes that the series converges but here is a proof that it does not.
- Omission. Page 2, Line +2. Your first line is “Let $m > 0$.” The next line is “It is easy to see that $e = mc^2$.” More detail would be useful.

Plagiarism

There is no/is evidence of plagiarism.

- Uncited extract. Page +7, Line +11. This uncited paragraph comes entirely from the wikipedia entry on Napoleon I at http://en.wikipedia.org/wiki/Napoleon_I.

References

The references are/are not correct and useful.

- The book “Everything You Wanted To Know About Hyperbolas” by I M Crazy does not exist.
- The book “Everything You Wanted To Know About Hyperbolas” exists but is unrelated to the project.
- I was unable to verify the contents of *Yi Gu Yan Duan* because I do not read ancient Chinese.