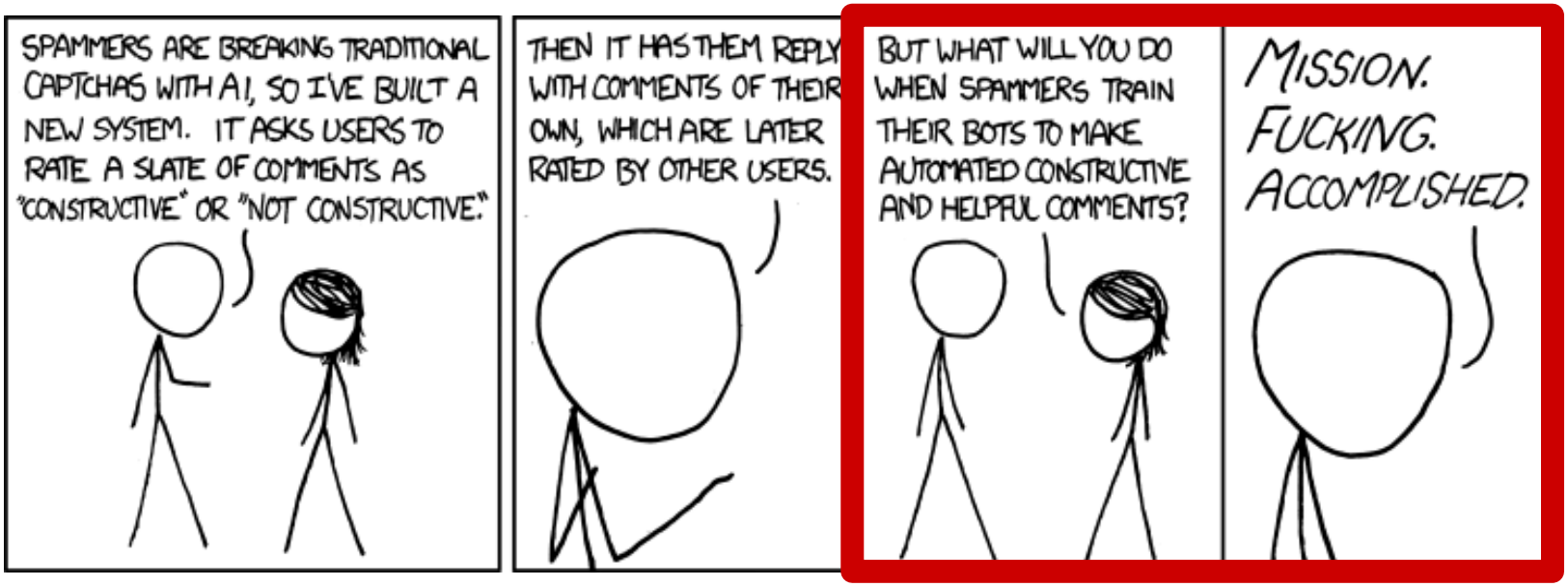
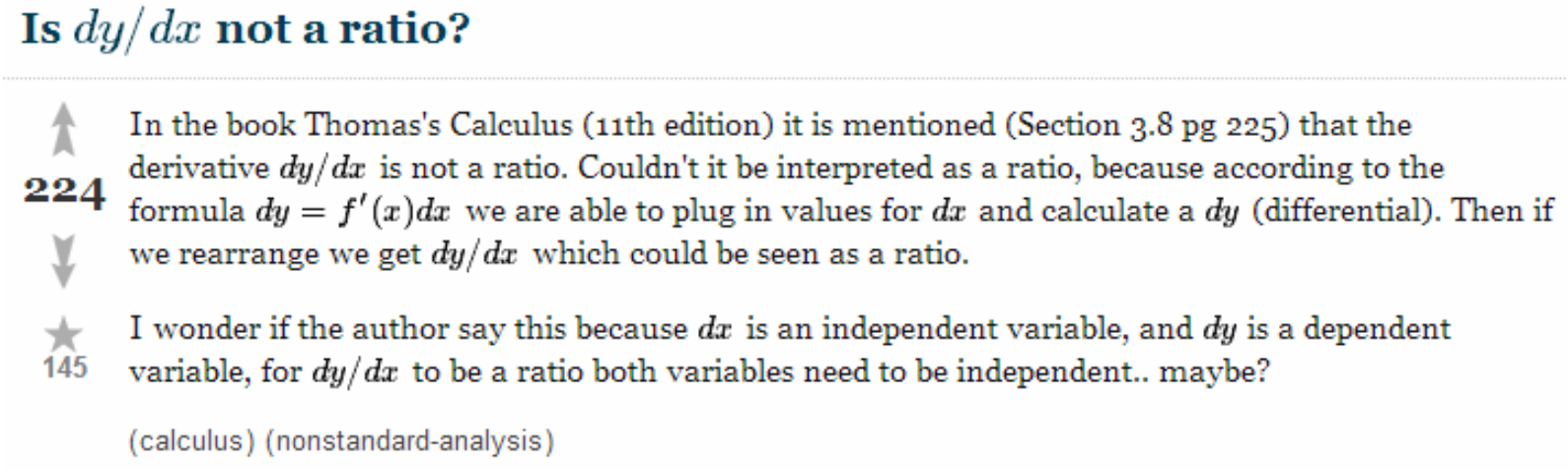
Suggesting Improvements to Questions and Answers



Felix GREZES & Michelle MORALES

StackExchange

Data



Is dy/dx not a ratio?

224

In the book Thomas's Calculus (11th edition) it is mentioned (Section 3.8 pg 225) that the derivative dy/dx is not a ratio. Couldn't it be interpreted as a ratio, because according to the formula $dy = f'(x)dx$ we are able to plug in values for dx and calculate a dy (differential). Then if we rearrange we get dy/dx which could be seen as a ratio.

145

I wonder if the author say this because dx is an independent variable, and dy is a dependent variable, for dy/dx to be a ratio both variables need to be independent.. maybe?

(calculus) (nonstandard-analysis)

I ~~am wondering whether~~ wonder if the author ~~said~~ say this because dx is an independent variable, and dy is a dependent variable~~. For~~, for $dy ~~\over dx$~~/dx$ to be a ratio~~, wouldn't~~ both variables need to be independent.. maybe?

Title - Text - Tags - Score - Rank - Edits

Metadata (Images, Code, Links)

Questions & Answers

Ideas

Tasks

- Correlate score/rank with features
- Suggest edits similar to past edits
- Suggest edits to improve score/rank

Approaches

- Classic NLP: N-grams, Machine Learning
- Linguistics: Positions, Meaning
  - (interrogatives, sentiments)