

Multivariable calculus essay grading rubrics

©¹ Dr. Carla Cederbaum²

Name:

Total: out of 20

Content

Does this essay:

1. clearly distinguish between intrinsic and extrinsic motivation?
2. give one or several reasons/explanations for why the author is motivated to learn multivariable calculus?
3. convey the intrinsic motivation of the author
 - a) believably?
 - b) convincingly?
 - c) convincingly?
4. seem to be written truthfully?

Do/Are the reasons/explanations provided:

1. make sense?
2. sound compelling (# of reasons etc.)?
3. explicit?
4. concrete or general or none of both?
5. fit the task of displaying intrinsic motivation?
6. make the reader curious?

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If motivated by applications, are these applications:

1. reasonable applications of multivariable calculus?
2. explained in an understandable way?
3. put in relation to multivariable calculus?
4. well-chosen for the purpose of displaying motivation?
5. original?

If motivated by love of mathematics and/or past experiences and/or clarity of thought, is this love/are the past experiences/expectations:

1. described comprehensively?
2. put in relation to what is expected from multivariable calculus?
3. voiced originally?

Structure and Organization

Is the line of thought:

1. existent/clear/easy to follow?
2. consistent/logical/non-jumping?

Style

Is the style of writing:

1. appropriate?
2. consistent (no sudden changes of style)?

Further Comments