
Solutions to Homework 1
for
Math 999: Introduction to Intermediate

University of Wisconsin-Madison

Author of Solutions: Clark Zinzow

Instructor: Professor Professorson

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Contact: czinzow@wisc.edu

This is a set of solutions, created by Clark Zinzow, to Homework 1 for Math 999: Introduction to Intermediate.

NOTATION:

We use the following non-standard notation:

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ACKNOWLEDGMENTS:

Thank you to the following people for helping me, in some way, with these solutions:

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EXERCISE 1

Proof.

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REFERENCES

- [Fol99] Gerald B. Folland, *Real Analysis: Modern Techniques and Their Applications*, Wiley, 2nd Edition, 1999.