

# 1 Appendix

## References

1. Mathematics 104 at UC Berkeley, Summer 2019, taught by Michael Christianson.
2. Mathematics 202A at UC Berkeley, Fall 2019, taught by Professor Marc Rieffel.
3. Real Analysis for Graduate Students, by Richard F. Bass. <http://bass.math.uconn.edu/rags010213.pdf>
4. Elementary Analysis, by Kenneth A. Ross. (Zero is a natural number, change my mind.)
5. Cauchy's Construction of  $\mathbb{R}$ , by Todd Kemp. <http://www.math.ucsd.edu/~tkemp/140A/Construction.of.R.pdf>
6. Renzo's Math 490: Introduction to Topology Lecture Notes. <https://www.math.colostate.edu/~renzo/teaching/Topology10/Notes.pdf>
7. Many answers on Math StackExchange, but particularly this complete construction of the reals (including the algebraic approach): <https://math.stackexchange.com/questions/11923/completion-of-rational-numbers-via-cauchy-sequences>
8. <https://www.math.unl.edu/~gmeisters1/papers/Measure/measure.pdf>
9. Stylistically inspired by Evan Chen's An Infinitely Large Napkin: <https://venhance.github.io/napkin/Napkin.pdf>

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