Qualifying Exam Review

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Contents

!include "sections/2017 Fall.md"

0.1 Notes

- Go through Pugh
- Practice some $\varepsilon - \delta$ problems
- Find a way to consistently + quickly remember the direction of injectivity

!include "sections/2016 Fall.md"

0.2 Notes

- Review examples and counterexamples in real analysis
- Review series tests
- Review ε-δ proofs.
- Injectivity definition again
- Alternate iff proof for $P \iff Q$: prove $P \implies Q$ and $\neg P \implies \neg Q$.

!include "sections/2015 Fall.md"

0.3 Notes

- Review ε-δ tricks, especially bounding with min.
- Review notions of differentiability

!include "sections/2014 Fall.md"

0.4 Notes

None yet.