Source: 2020MATH530/KBe2020math530floIndex.md #flo #disorganized #incomplete More proof presentations

 ${f R}$ vs ${\Bbb R}$

1 | Proof by Induction

Using Axler 2.C 10 as an example.

- 1.1 | Induction building blocks
- 1.1.1 | **Base Case:**

Prove for the simplest case

Prove for $\mathcal{P}_0(\mathbb{R})$.

1.1.2 | Inductive Step

Show that if case n is correct, then case n+1 is also correct

Assume that it works for $\mathcal{P}_i(\mathbb{R})$, then prove it for $\mathcal{P}_{i+1}(\mathbb{R})$.

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