Source: 2020MATH530/KBe2020math530floIndex.md

#flo #disorganized #incomplete

More proof presentations

$\mathbf{R}$ vs $\mathbb{R}$

1 | Proof by Induction

Using Axler 2.C 10 as an example.

1.1 | Induction building blocks

1.1.1 | Base Case:

**Prove for a

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 $\mathcal{P}_m(\mathbb{R})$, then prove it for $\mathcal{P}_{m+1}(\mathbb{R})$.
