A look at $\mathbb{Q}_p$ as compared to $\mathbb{R}$.

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WHERE: Chase 227

ABSTRACT:
We will discuss the idea of completion and how we obtain the $p$-adic numbers $\mathbb{Q}_p$ from $\mathbb{Q}$. After introducing $\mathbb{Q}_p$, we will discuss its similarities and differences with $\mathbb{R}$ in view of Topology and Analysis. This will be a very light introduction and no prior knowledge is necessary/assumed.

Any questions, please e-mail: rnoble@mathstat.dal.ca.