

NUMBER THEORY SEMINAR

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

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WHEN: Tue 15 Mar. 2016, 2:30 p.m.

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.