

Society of

\mathbb{Q}_p

p -adicts

Top p reasons why \mathbb{Q}_p is better than \mathbb{R}

(case $p = 7$)

7. You don't need a negative sign:
 $-1 = 6 \cdot (1 + 7 + 7^2 + \dots)$
6. Geometry is more fun when
all triangles are isosceles
5. \mathbb{R} is useless for understanding
multiplicative characters of \mathbb{Q}
4. The unit ball in \mathbb{Q}_7 is a ring
and \mathbb{Z} is dense in it
3. You don't need a whole semester
to study convergent series in \mathbb{Q}_7
2. Can *you* prove the Weil conjectures
using \mathbb{R} -valued cohomology?¹
1. $\text{Gal}(\bar{\mathbb{R}}/\mathbb{R})$ is boring

¹Deligne used \mathbb{Q}_7

<https://www.bonfire.com/p-adicts/>