

PMAT 505 W 2010 TALKS

Talks will be Wednesdays at 09:00.

1. Construction and properties of \mathbb{R} - Justin September 29
2. The Fundamental Theorem of Algebra
3. The quaternions
4. Cayley-Dickson Algebras
5. Trichotomy for cardinal numbers
6. Zermelo's theorem on well-ordering
7. Compactly generated spaces
8. Simplicial complexes
9. Zariski topology - Tristan, November 3
10. Order topologies are normal
11. Paracompactness
12. Stone-Weierstrass theorem
13. Planar graphs are 5-colourable