

Additional reading and tutorial exercises for F11PE, Topology 2013

1. Reading: you will be examined on the material in chapter 4, section 3, of the book “Basic Topology,” by M. A. Armstrong. This is pages 73-77, and it covers basic mathematical ideas associated with topological groups.
2. Exercises: do problems 13, 15, 17, and 18 on page 78. Solutions will be posted well in advance of the exam. Also, make sure you understand the details of the examples and theorems discussed in the reading. (However you can skip example 5 on page 74 and the discussion of $SO(3)$ on page 77).