

MA651 Topology. Questions for quizzes 9.

1. Local compactness (Definition 52.1)
2. Countable compactness (Definition 53.1)
3. Sequential compactness (Definition 54.1)
4. 1° countable spaces (Definition 55.1)
5. 2° countable spaces (Definition 56.1)
6. Separable spaces (Definition 56.3)
7. Lindelöf spaces (Definition 56.4)