

0.1 Compactness

[2BF]

Definition 0.1. [0J3]

If you formulate these exercises in metric spaces, you can use the theorem ?? a pagina ?? to deal with compact sets.

Exercises

E0.2 [0J4]

E0.3 [0J5]

E0.4 [0J6]

E0.5 [0J8]

E0.6 [0JB]

E0.7 [0JD]

See also the exercise [0K8] for a characterization of compact sets by *nets*.