Quiz 4 - ?

Section 3 in Munkres

Define partition.

How does an equivalence relation determine a partition.

How does a partition determine an equivalence relation.

Chapter 2

Product topology

Subspace topology

Give 3 different definitions of closed

Give 5 different definitions of $\overline{A}$

Define the following

A^0

limit point

A'

Quiz 5 - ?

T_0

T_1

T_2

Hausdorff

Give several different definitions of continuous

metric

discrete metric

metric topology

bounded

standard bounded metric

if covered: quotient map, open map, closed map, quotient topology