Relations between topological spaces

- sequentially compact
- limit point compact
- Lindelöf
- compact
- locally compact
- compact Hausdorff
- locally compact Hausdorff
- completely regular
- top grp
- regular
- totally disconnected
- linear continuum
- connected
- path connected
- Hausdorff
- $T_1$

- metrizable
- + metrizable
- countable dense subset
- Thm 30.3
- 2nd countable
- Thm 30.1
- 1st countable
- Thm 30.1
- metrizable
- Ex 32.7
- regular 2nd countable
- Ex 36.1
- manifold
- well-ordered topology
- order topology
- regular
- locally connected
- locally path connected
- locally connected
- linear continuum
- connected
- path connected
- Hausdorff
- $T_1$