

1124-54-124 **Akira Iwasa*** (iwasa@uscb.edu). *Forcing and Sequential Properties*. Preliminary report.

We consider six mutually disjoint classes of topological spaces:

1. First countable
2. Strongly Frechet but not first countable
3. Frechet but not strongly Frechet
4. Sequential but not Frechet
5. Countably tight but not sequential
6. Not countably tight

We study if a forcing can make a space in one of the above classes belong to another class. In particular, we discuss if a forcing can destroy strongly Frechetness while preserving countable tightness. (Received September 04, 2016)