17.3 [1] Find an example of functions $f_n:[0,1]\to[0,1]$ continuous,

[0, 1] (i.e. for every x and n we have $0 \le f_{n+1}(x) \le f_n(x) \le 1$ and

 $f_n \to f$ is not uniform.

Solution 1. [1J2]

bounded, and such that $f_n(x) \setminus_n f(x)$ pointwise to $f: [0,1] \to$

Exercises