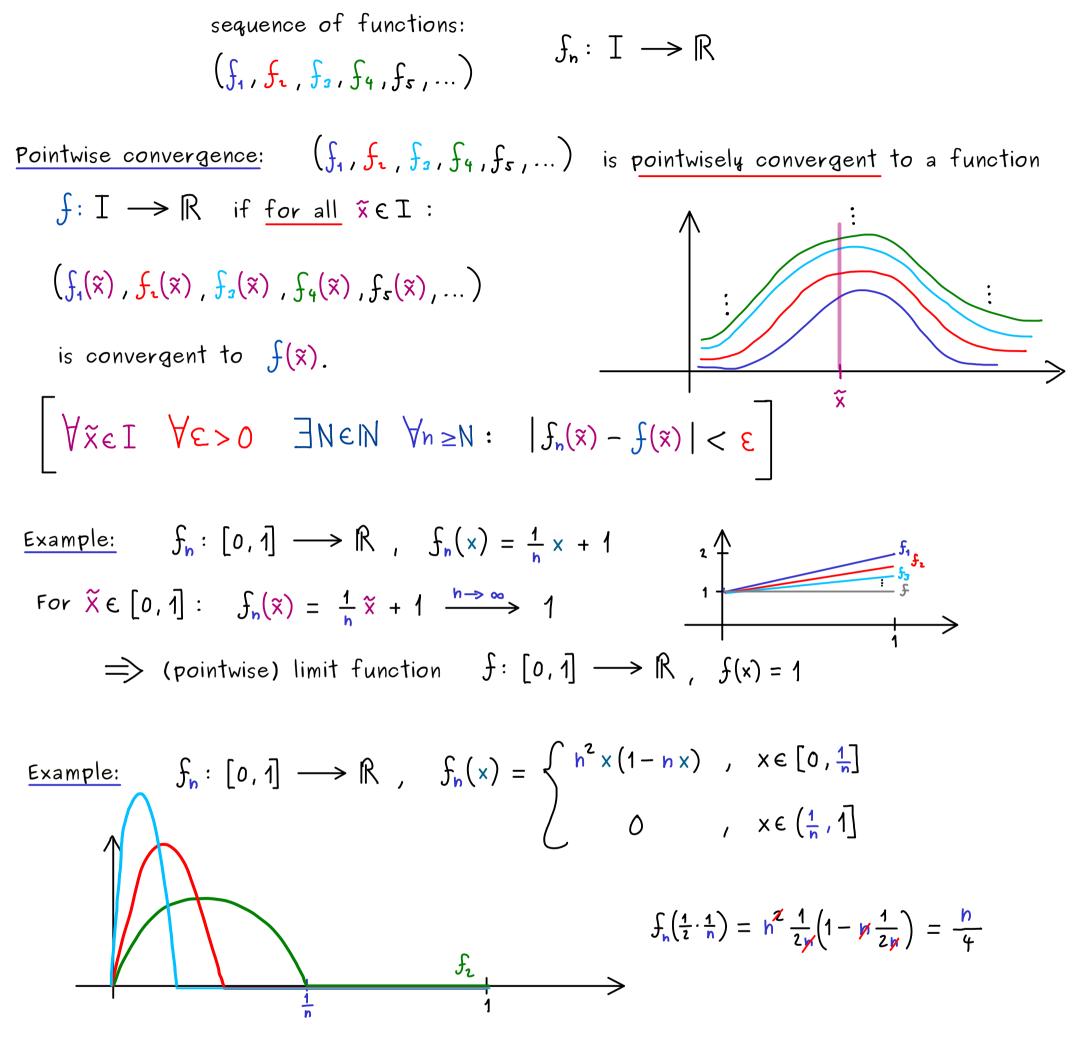
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The Bright Side of Mathematics - https://tbsom.de/s/ra

Real Analysis - Part 24



For
$$x = 0$$
: $f_n(x) = 0$ for all $n \in \mathbb{N}$
For $x > 0$: $f_n(x) = 0$ for all $n > \frac{1}{x}$ \implies (pointwise) limit function
 $f: [0, 1] \longrightarrow \mathbb{R}$, $f(x) = 0$

