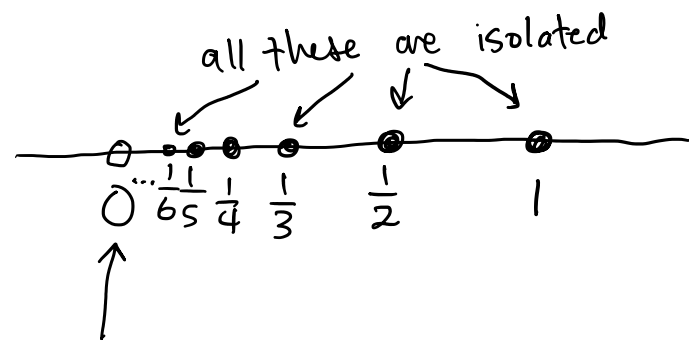# Quiz 11 MTH 427/527 Fall 2024

Thursday, November 7, 2024   8:07 AM

Ex 4.3.1 Find limit points & isolated points for...

(a) $[-1,1]$: • the limit points are all points in $[-1,1]$ and no others
        • no isolated points

(c) $\left\{ \frac{1}{n} : n \in \mathbb{Z}^+ \right\} = \left\{ 1, \frac{1}{2}, \frac{1}{3}, \frac{1}{4}, \cdots \right\}$

all these are isolated

$0 \cdots \frac{1}{6} \frac{1}{5} \frac{1}{4} \frac{1}{3} \quad \frac{1}{2} \quad 1$

0 is a limit point