

Right End (almost same as Left End)

$$\lim_{x \rightarrow +\infty} \frac{x}{(1+x)^2} \rightarrow \lim_{x \rightarrow +\infty} \frac{x}{x^2} \rightarrow \lim_{x \rightarrow +\infty} \frac{1}{x}$$

$$\rightarrow \frac{1}{+\infty} \rightarrow \frac{+0}{+\infty} \rightarrow 0$$

Constant $\Rightarrow$ HA

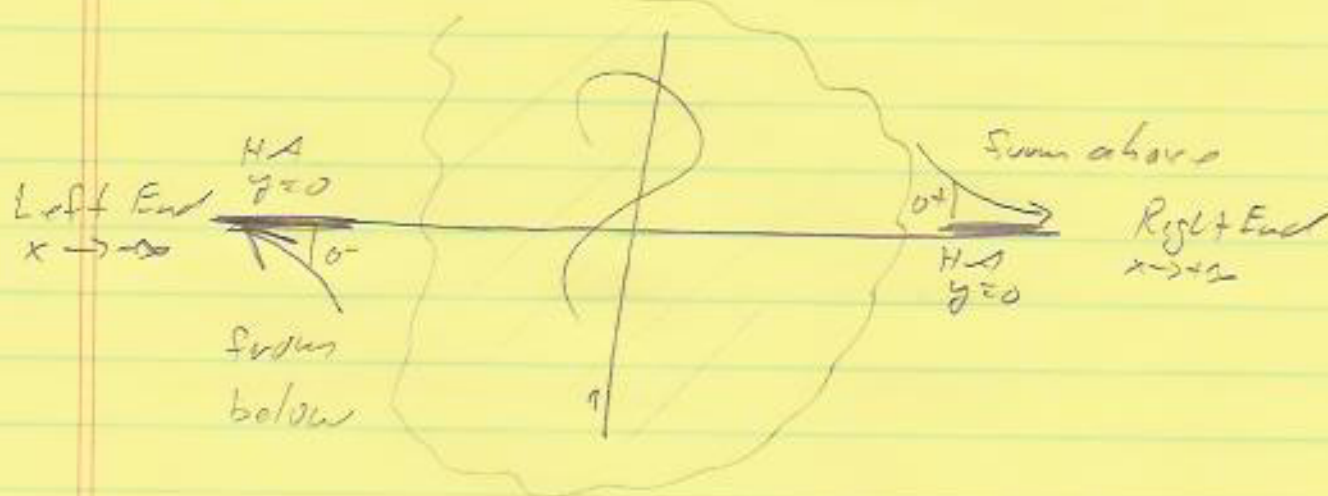
approaches HA
from above

HA given by
line $y=0$

$\Rightarrow$ Right End Behavior



Summary of End Behavior:



(8)