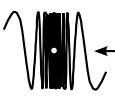
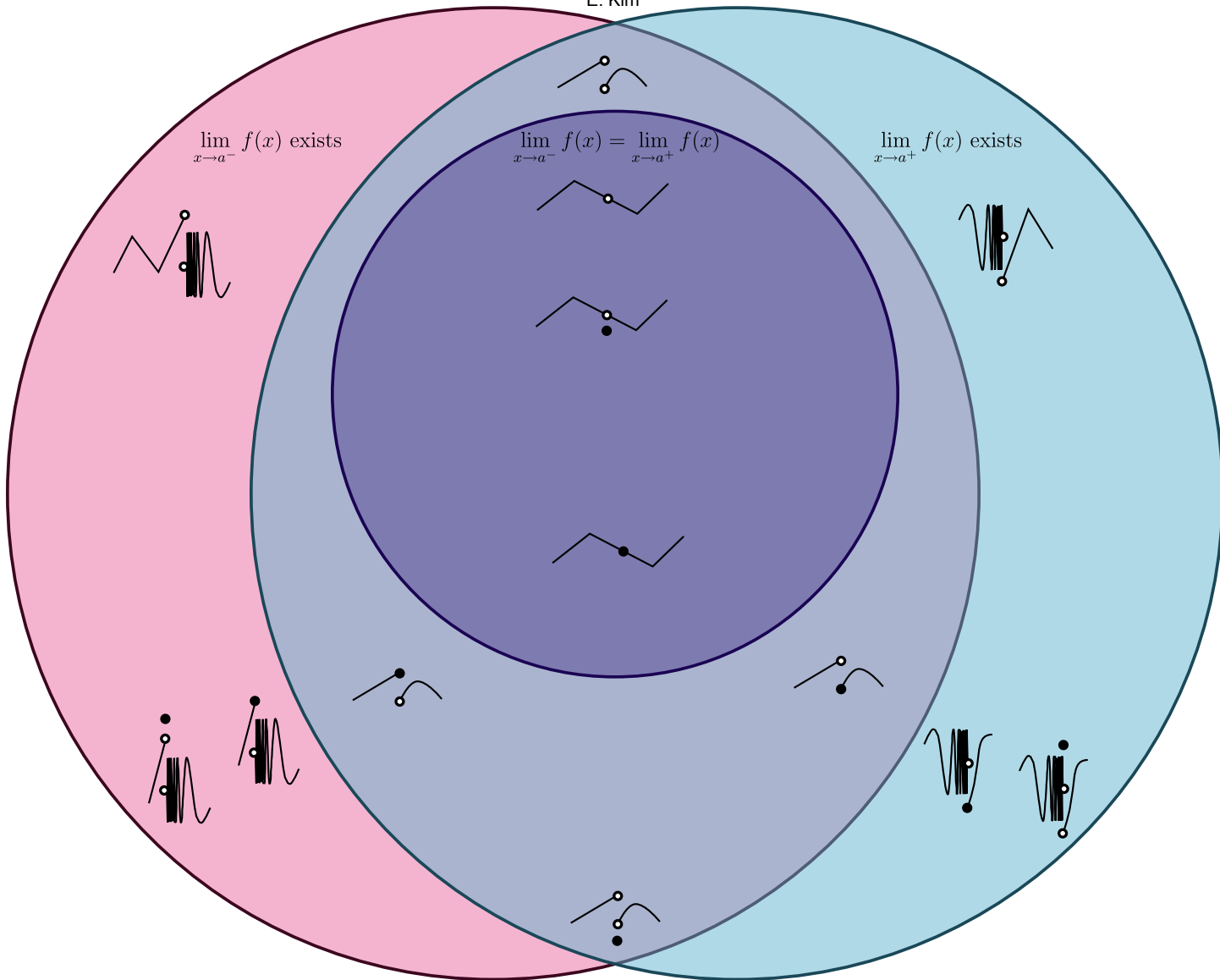


Limits

Venn Diagram

E. Kim



The function $f(x) = \sin \frac{\pi}{x}$ is outside of all the circles.

Notation and terminology follows Stewart. *Calculus: Early Transcendentals*. (7th Edition.)

The small circle contains the functions which **have a [two-sided] limit** at a .