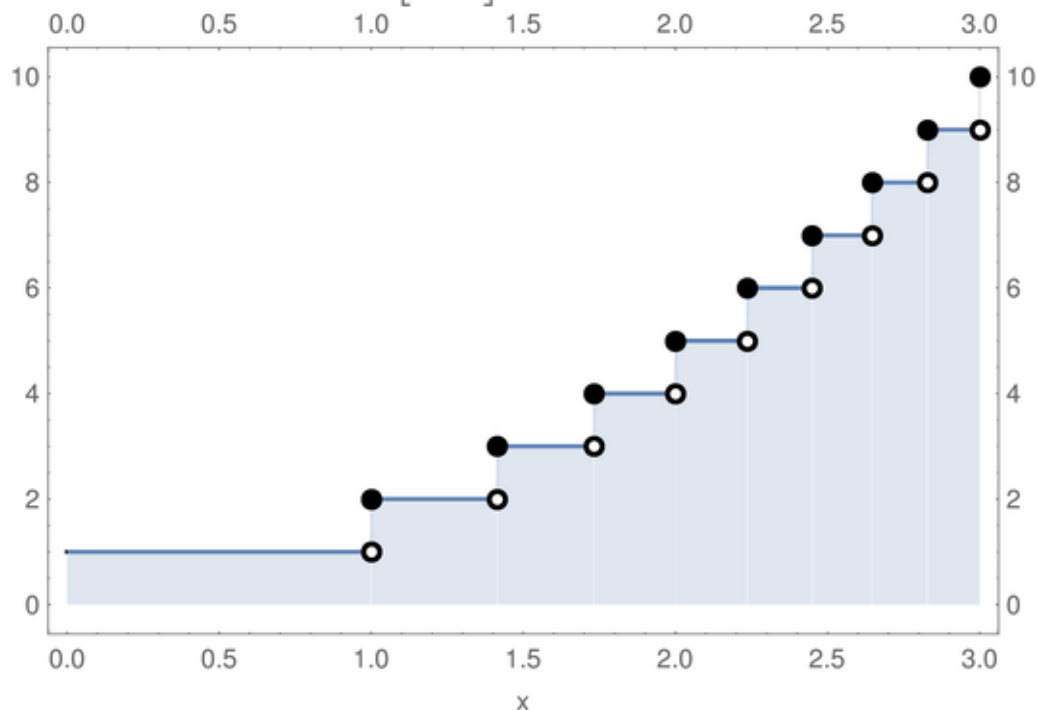


Piecewise Composite Functions

$$\lfloor x^2 + 1 \rfloor, 0 \leq x \leq 3$$



1 $x < 1$

2 $1 \leq x < \sqrt{2}$

3 $\sqrt{2} \leq x < \sqrt{3}$

4 $\sqrt{3} \leq x < 2$

5 $2 \leq x < \sqrt{5}$

6 $\sqrt{5} \leq x < \sqrt{6}$

7 $\sqrt{6} \leq x < \sqrt{7}$

8 $\sqrt{7} \leq x < 2\sqrt{2}$

9 True