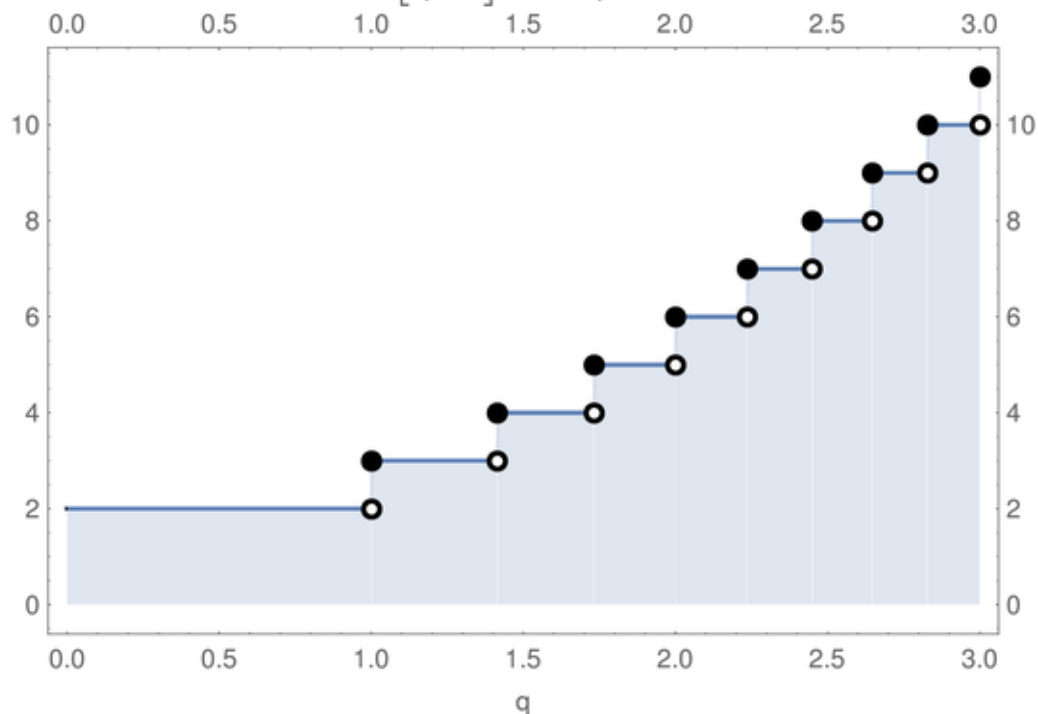


Piecewise Composite Functions

$$\lfloor q^2 + 2 \rfloor, \quad 0 \leq q \leq 3$$



- 2 $q < 1$
- 3 $1 \leq q < \sqrt{2}$
- 4 $\sqrt{2} \leq q < \sqrt{3}$
- 5 $\sqrt{3} \leq q < 2$
- 6 $2 \leq q < \sqrt{5}$
- 7 $\sqrt{5} \leq q < \sqrt{6}$
- 8 $\sqrt{6} \leq q < \sqrt{7}$
- 9 $\sqrt{7} \leq q < 2\sqrt{2}$
- 10 True