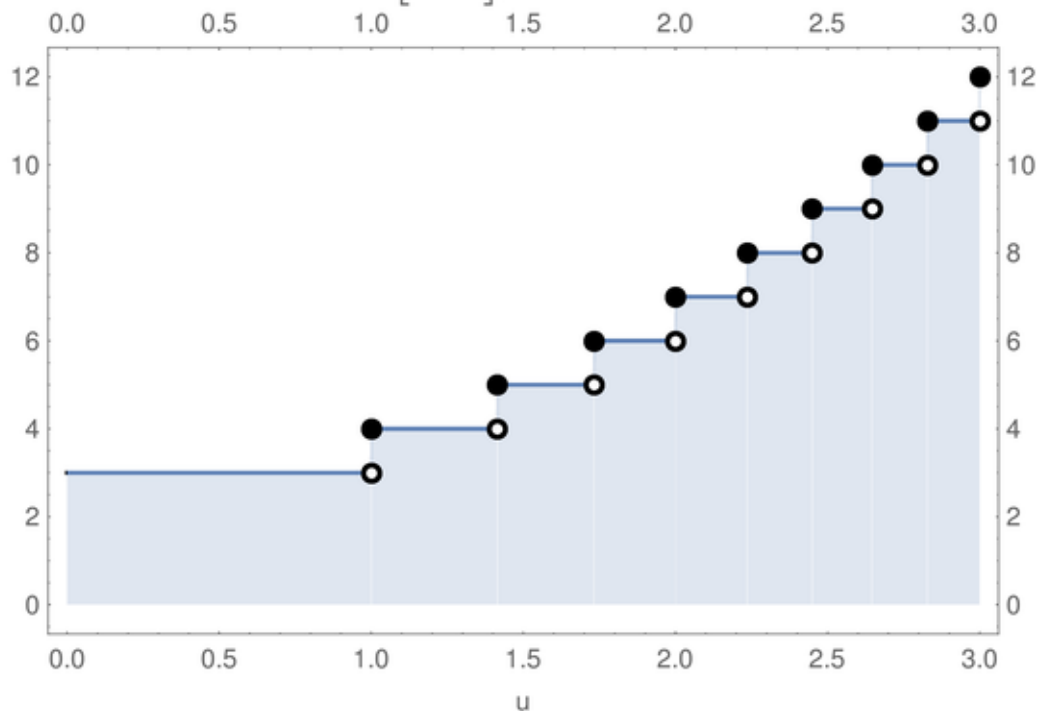


Piecewise Composite Functions

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



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