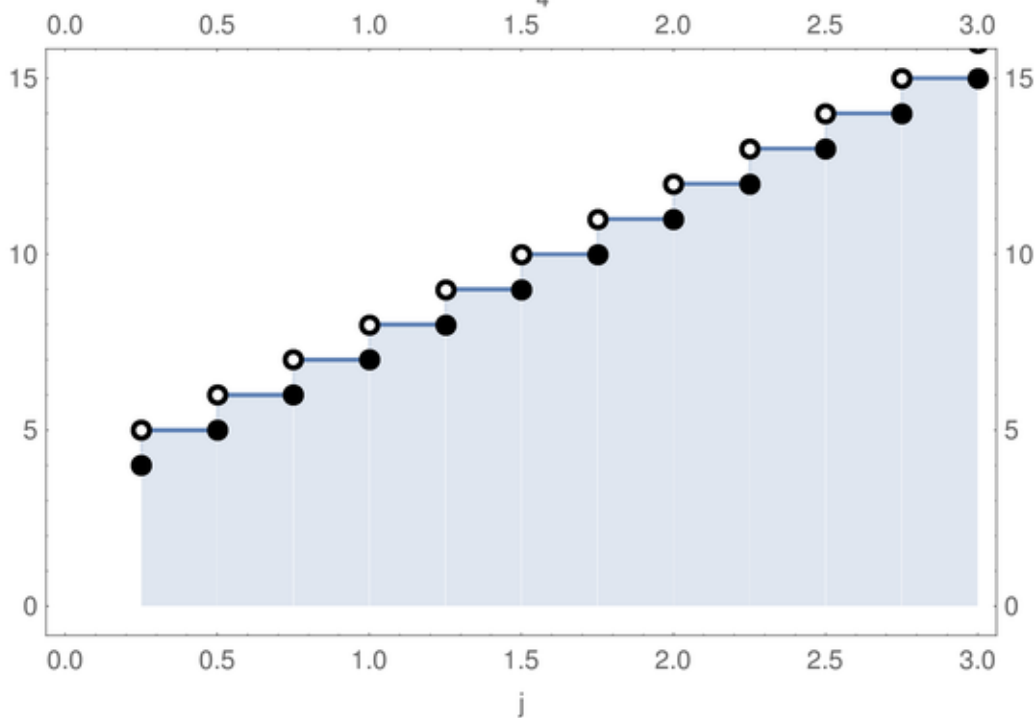


Piecewise Composite Functions

$$\lceil 4j+3 \rceil, \quad \frac{1}{4} \leq j \leq 3$$



- 5 $j \leq \frac{1}{2}$
- 6 $\frac{1}{2} < j \leq \frac{3}{4}$
- 7 $\frac{3}{4} < j \leq 1$
- 8 $1 < j \leq \frac{5}{4}$
- 9 $\frac{5}{4} < j \leq \frac{3}{2}$
- 10 $\frac{3}{2} < j \leq \frac{7}{4}$
- 11 $\frac{7}{4} < j \leq 2$
- 12 $2 < j \leq \frac{9}{4}$
- 13 $\frac{9}{4} < j \leq \frac{5}{2}$
- 14 $\frac{5}{2} < j \leq \frac{11}{4}$
- 15 True