Piecewise Composite Functions
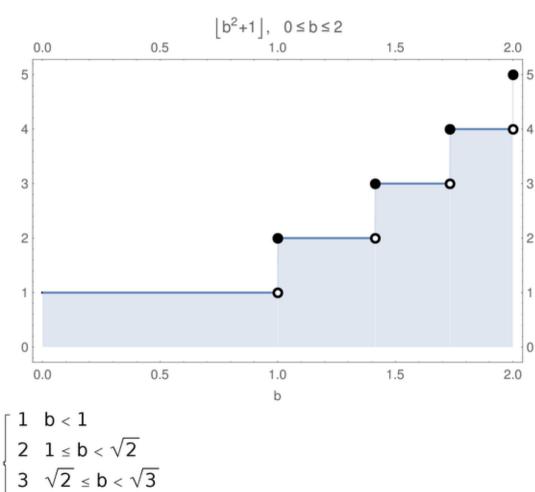

$\left\lfloor b^2+1 \right\rfloor, \quad 0 \le b \le 2$

$$\left[\begin{array}{ll} 1 & b < 1 \\ 2 & 1 \le b < \sqrt{2} \\ 3 & \sqrt{2} \le b < \sqrt{3} \\ 4 & \text{True} \end{array} \right.$$