$$[n]$$
 THE COST (1)= no 1 THE COST ($[n]$) = $[n]$

$$w(n) = |+ w(\frac{1}{2})|$$

$$= |+ \sqrt{\frac{1}{2}}| + 1$$

$$= 2 + \sqrt{\frac{1}{2}}|$$

$$= 1 + \sqrt{\frac{1}{2}}|$$

$$w(n) = \frac{1 + w(\frac{1}{2})}{1}$$

$$= \frac{1 + [\frac{1}{2}]}{1} + 1$$

$$= \frac{1 + [\frac{1}{2}]}{1}$$

$$= \frac{1 + [\frac{1}{2}]}{1}$$