

$$R_{r}(n) = \begin{cases} \frac{\alpha^{2}}{2} & n=0\\ -\frac{\alpha^{2}}{4} & n=\pm 1\\ 0, & \text{otherwise} \end{cases}$$

(5) une are calculating for RA(1) ie n=1.

from properties of autocorrelation une know
that

$$RA(-n) = RA(n)$$

$$RA(-1) = RA(1)$$