example

$$x[n] = [0,j,1]$$
  $y[n] = [1,j,j]$    
 $(x,y) = 0 \times 1 + j \times (-j) + 1 \times (-j)$    
 $= 1-j$ 

example =

$$x[n] = [2,2] : y[n] = [2,-2]$$
  
 $(x,y) = 2x2 + 2x - 2 = 4 - 4 = 0$