- O Since $X_n ⇒ 5$ for E > 0 $B(X_1 ∈ E) > 0$ $∃ | X_n − 5 | ∠ E is <math>n > K_1 ∈ E$.

 Then let E > 0 then $B(X_2 ∈ E) > 0$ $∃ | X_n^2 − 2 ∈ E | E is <math>n > K_2 ∈ E$. $|X_n^2 − 2 ∈ E| ≤ |X_n^2 + 2 ∈ E| Since <math>X_n^2 ∈ E$ and $|X_n^2 + 2 ∈ E| ≤ |X_n − 5 ≤ ≤ |X$