```
(a) \lim_{x \to x} f(x) = q
  Vε, ∃S(ε), VX : (0<(x, -x) < S(ε) => (f(x)-α < ε)
 (c) \lim_{x\to x^2} f(x) = +\infty
   ₩ € >0 ∃ δ(€)>0 ₩x : (0 € | X-x. | < δ(€) => ∫(x) > €)
 (6) lim f(x) = 00
     VE>0 ] S(E)>0 VX: (X < -1 => |f(x)| > 1 )
N3
lin x3=64
 64-3.4.5(e)+3.48k) - (s(e)) < x3 <64+3.4.5(e)+3.48k)+(s(e))3
                                         364-8 < X < 364-E
                                       4-54 3/64-e
3/64-e 4-5
-4-5 < -3/64-e
  E = /498/58/+ 8 -28 = /48/25 = 1)

S = 1/48/25 = 1/5 | -28 = /48/25 = 1

S = 1/48/25 = 1
                                              δ ≥ ½ (√64+€ - √64+€) = δ(ε)
```

$$\frac{N^{\frac{1}{2}}}{\{X_{n}\}} - packeg. \quad \forall P2L \quad Gapleo: \quad \lim_{K \to Q0} |X_{k+p} - X_{K}| = 0$$

$$\sqrt{n+p} \cdot \sqrt{n}^{2} = \frac{n_{1p} - n}{\sqrt{n_{1p}^{2} + N_{1}}} = \frac{p}{\sqrt{n_{1p}^{2} + N_{1p}^{2}}}$$

$$\frac{NS}{82L}: \quad \lim_{K \to Q0} \frac{K^{\frac{1}{4}}}{6K} = 0 \quad \text{ fill } V_{N} > 0$$

$$\frac{NS}{N^{\frac{1}{4}} \cdot N^{\frac{1}{4}} \cdot N^{\frac{1}{4}}} = \frac{N}{N^{\frac{1}{4}} \cdot N^{\frac{1}{4}} \cdot N^{\frac{1}{4}}} = \frac{1}{N^{\frac{1}{4}} \cdot N^{\frac{1}{4}}} = \frac{1}{N^{\frac{1}{4}}} = \frac{1}{N^{\frac$$