· R -en uncombole. We will place: (0,1) - uncountable. Suppose (0,1) ess colins. N,=0.9,12713 --- 9, ---N=0. 921 922 923 ---Mn = 0. 4 1 1 1 1 2 1 2 - - - -

where $0 \le \hat{d}_{ij} \le 9$, $\forall x, j$.

> J= 35-8 7=7 7-8 Jnn #7.

 $= \chi \in (0,1).$

2 1 1 1 (2+1)! + (2+1 es a the int. 2+1 + 1 (2+1)(2+2) -es a +ul int. 0 < 7+1 + (2+1) (9e2)

9+2 > 21 (9+1)² 2+2 = 9²+29+1 2 9²+9-1 > 0.

es incoloning to both the bounded about the sound of the sound the sound of the sou

 $M = Sap \{a_n\} = 3$

 $\mathcal{O} \qquad \mathcal{O}_n \leq \underline{M} \qquad \forall n .$ \mathcal{D} \mathcal{A} \mathcal{M} \mathcal{M} Thou M < M,. 1- \fr \le 1 \ Ah. Support. B. o 1-h < M. $\frac{1}{2} \int_{\mathbb{R}^n} dh \left(1 - \frac{1}{h} \right) \leq M_1$ $\Rightarrow (\leq M)$. Sup 3 1- to 6 = 1.

All consuprant regionses are bounded. 1 2 2 93 Q2 1 1 ~ ~ ~ ~ ~ To Find M of. |an | EM 4h. $Q_1 = 3/2$, $Q_{n+1} = \frac{1}{2} \left(Q_n + \frac{2}{Q_n} \right)$ $= \frac{Q_n}{2\pi} + \frac{1}{Q_n} - Q_n$ $= \frac{1}{\alpha_n} - \frac{\alpha_n}{2} = \frac{2 - \alpha_n}{2} < 0$

$$\sum_{n} \frac{1}{n} = 1 + k^{n}$$

$$= 1 + k^{n} + k$$

 $\frac{Q_n + \frac{2}{\alpha_n}}{2} \ge \sqrt{Q_n \cdot \frac{2}{\alpha_n}} = \sqrt{2}.$

3/1, 14/1, 14/1, 4/51, क मंद्र क्रियानक रहत है. I Candin soop. in Q. |an-am| = |an-R+R-am| $\leq |\alpha_n - \mathcal{Q}| + |\alpha_m - \mathcal{Q}|$

292+ PL Every coop in R) Conv. in R. · Comptete vace F: R->P- Stone. On: M ->TR -> RuneRudina-Principle of Path analysis.

 $\left|\frac{M}{M^{+1}}-2\right|\leq \epsilon M \leq N.$ $\frac{1}{2-\epsilon_0}$ $\frac{1}{2}$ $\chi_{n+1} < (\gamma + \epsilon) \chi^{n}$. X = (7+80) X. $\chi^{N+2} \leq (\gamma + \varepsilon^{0}) \chi^{N+1} \leq (\gamma + \varepsilon^{0}) \chi^{N}$ N+3 = (2+8) X = (2+8) XN.

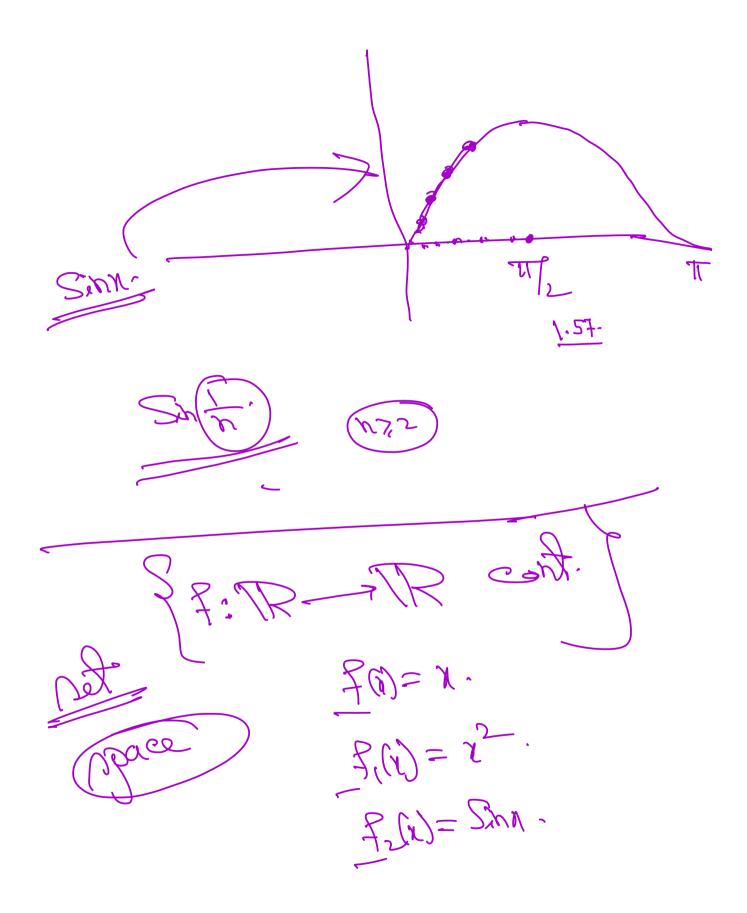
 $\frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}$ Jan 2/2 = 0 = 1 <1 $\chi^{\nu} = \frac{\nu_{\nu}}{\nu_{i}}$

$$\frac{N_{nel}}{N_n} = \frac{(n_{el})!}{(n_{el})^{n_{el}}} \frac{n_{el}}{n!}$$

$$= \frac{1}{(n_{el})^{n_{el}}} \frac{n_{el}}{n!}$$

Shot -> instaning + Boundad bove. D, M = Sup Xn. Fix $\therefore \quad \chi^{\nu} \leq \mathcal{W} \quad \not \uparrow \mathcal{V}.$ H-E < Xno By Dolle ho. $\frac{1}{M-\varepsilon} < \chi^{\nu_0} < \chi^{\nu_{0+1}} < \chi^{\nu_{0+2}} - \frac{1}{2}$ < M> $\Rightarrow | \mathcal{N}^{\nu} - \mathcal{M} | \subset \varepsilon \qquad \forall \nu > \nu^{\varrho}.$ \rightarrow $\gamma \gamma \gamma$.

J2=1/9, p, 2 FE. Ossu fran euln => \$ en even? 2 2 m = 2 2 2 : 2 es ellen.



=11 26 1 20 Hn7N 26. 1/2 / 712N. : 1-2/ce Anz N. my X/v = J.

 $(Q_n \overline{Q_n}) \rightarrow \chi m$. / Onbn-Xm/ $= \left| \partial_n b_n - \partial_n m + \partial_n m - \lambda m \right|$ $\leq |\alpha_n| |p_n - m| + |\alpha_n - x| |m|$ $\leq M \left(p^{\nu} - M \right) + \left| \sigma^{\nu} - y \right| \cdot \left| M \right|.$

 $N = Mok \{N_1, N_2\},$ $4n \geq N,$ $[a_n b_n - \lambda m] \leq 22 + 82$ = 8,