X- abn neg C. p: X > 1Rt - quincequonan, obp · p(x+y) = p(x) +p(y) $\lambda \in \mathbb{C}_{x} \times \mathbb{Z}_{x}$ · p(1x)= 1)/p(x), Teopena (Xan-barax, C) $A_{\circ}: X_{\circ} \rightarrow \mathbb{C}, X_{\circ} \leq X,$ X, p, Ao - opyrkyvona, suscentroni, $|A_{\circ}(x)| \in p(x), x \in X_{\circ}.$ $A:X \to C$, $A|_{X_0} = A_0$, Torsa cynnect yet unei tom pynkynonan $|A(x)| \leq p(x), x \in X.$ Dong arenocho De Ao - lenjeur ensurin ausseinsenin pyropyrosean va Xo (Jeur Xo-- 200 Xo, rouero nag IR). X - whore X, pacanotp. usg IR. (A, (x)) & p(x) => (De A, (x) (& p(x)), crow onto us being extension X. -6. Cynjectojes of ynjuguonan $\mathbb{R}: \widetilde{X} \to \mathbb{R}$. $R(x) \leq p(x), x \in X$ $R(x) = Re A (x), x \in X_0.$ P(-x) = -R(x) |P(-x)| = -R(x) |P(-x)| = -R(x) $|P(x)| \leq P(x), x \in \widehat{X}.$

Saueranne: nyer B - ruseinni passengueran, $B: X \rightarrow C$. $B(x) = Pe B(x) + i \cdot Im B(x)$

$$B(ix) = i B(x) = i \cdot Pe B(x) - Im B(x)$$

$$Pe B(ix) + i Im B(ix)$$

Nonsture tenepre A(x) := R(x) - i R(ix), $x \in X$.

Jamenanu \Rightarrow A(x)= A₈(x), x \in X₀

Pe A(x) = P(x), x \in X.

Novamen reneque, no $|A(x)| \leq p(x)$, $x \in X$.

Nyono he tak, tage varigêtes $X_1 \in X$: $|A(x_1)| > P(x_1)$

 $A(x_1) = re^{i\theta}$, nonoxin $y_1 := e^{-i\theta} \times 1$.

 $A(y_1)=A(e^{-i\theta}x_1)=e^{-i\theta}A(x_1)=\tau$

 $R(y_1) = Re A(y_1) = T > p(x_1) = P(y_1) - nfontoperu.$ $p(e^{-i\theta}y_1) = |e^{-i\theta}| \cdot P(y_1)$

Bapuara X.-6. gue surieinenx regumpolarier modfario

Tespens Econ X-1.4.1. nag R, Xo EX, Ao-negressión pyrnyrusnan na Xo, orpanizationi. Torsa Ao momens infogorturo go A na X c coxpaniment hopinos, 7.e.

11 A 11 Z(x, 1R) = 11 A. 11 Z(x, 1R)

Douges encilo: Nyer c= 11 Ao 11 x(xo,R), rago Repueu pGc);= e-1M1

Out. Torge A payeaser Eu F, ean naigêrer man C, passe w A(x) = C, $x \in E$ A(x) = C

Con >, < => citoro pagendes.

Zx-y, xGEZ

Janerann.

A payouser Eu F @ A payouser E-F u 203

A payouser E-x u F-x que 4x ex.

Teopena (X. - B. gu lungkatix moxeclb)

Nyero $X-\Lambda$. P. n. ray R, E, F - brong karre hogsupoure elba X, wherein $\ker E \neq \emptyset$, feo $E \cap F = \emptyset$. Targe cyazedozer nengrubei numetinom foguegus non, pozere kouzañ $E \cap F$.

Nyero p-pyrveyworan Muserdorono que kar G. Targa p(yo) > 1.

Nowymu $A_0: X_0 \rightarrow \mathbb{R}$: $A_0(ty_0) = t \cdot p(y_0)$ d'tyo, tel?

Продолжает Аодо А: X => 12, 7.2. Д(г) ЕР(х).
$A(x) \le p(x) \le 1$ gree $x \in G$ $A(y_0) > 1$. Easo pagarer $G = 1$ cons ons $E - F = 1$ cons ons $E = 1$ $G = 1$
Parrop-Who apanoissa.
Nyers X-Mn, Xs &X. Typen outan, wo Xny, em X-y EXo
Colonyurouro leer raxux unaccol u obynanaere veyez XXo.
Infattique. X/Xo - renévole nportanelle.
dim XXxx - representation Xx l X. Du numerium representation upstranet ne XXxx montre enference
u nopley: Nyab $2 \in X/X_0$ Le mark sububoners rocks,
mg XII x != inf x x.
$\frac{y_{\rm op}}{}$. Nucleoner, no onpegneene rapperano — $1.11_{\rm XX}$ eas tapua.
You Com X-worker, 10 X/X0 rosse vorter.
Donapaeneiter. Pyers LEu3-noenegelogenomen Lour & X/X0,
11. Pm 11 Xmm - Xn 11 xx = 0. Hm.
HYO IN NOW - Dull C+00, Ro= 0.
12 7 6 8 -8

11 Enn - Enll X/X > 11xull X Torga coopier pag $\sum_{n=0}^{\infty} \|x_n\|_{X}$, a cross dues croquire l'X pay $\sum_{n=0}^{\infty} X_n$. Teneps monoxim X' := knace, cogentamin X'. Donee $\sum_{k=0}^{n} X_k \in \sum_{k=0}^{n} (\mathcal{L}_{k+1} - \mathcal{L}_k) = \mathcal{L}_{n+1}$, crons Sorr || & - & || \(\) | \(\) - \(\) \(Municip Kneck Drymsne na D 2f(2) = \(\sum_{\text{n}} \) \(\alpha_n \cdot \cdot^n \), \(\lambda_1 \cdot \cdot \), \(\tau_2 \cdot^n \), 1121 = \[\sum_{n=0}^{\infty} |a_n|^2 (\mathbf{p+1}) < +\infty]. fl Sa...2".

Conhexérene upochapioba.

LA: X -> IR 3 - nuneinan pynkyno ranor (orp.).

Een X r.H. nf. 6, ro ne X* (= Z(X, E)) onfegreses d'aqua.

 · e*, p>1 (e) = eq, re = 1.

Teopena (Farax- Ureinrays). Nyoro And- wonegolarensmoeto munerimoner