Le= f∈7, e:31\$2.

AC: 建积的理, CH+DNo=N, GCH: x:ordinal, 2N=Nd+1

2F. 2FC: Power set axion FEE.

class = definable class.

女女人の理 色書の: トルマ、カツ

の代か、「スーケ:世界」が存在するい事ル、サ:マナリオき、最小、意思、

た: Strong limit. 哲· X<K、2×<に.

推路的重定、文色 Y ZEYEX >> ZEX.

草合工户对上、世(主)、哲"工を分上的位在各种其合。在外下最小"。

$$tc'(x) = \bigcup (U^n x)$$
 $tc = tc'$

K: cardinal Hx >x => tc(x). < x. limit cardinal K, HK= UHX $V_{\alpha+1} = P(V_{\alpha})$ $V_{\alpha+1} = V_{\alpha}$ $V_{\alpha+1} = V_{\alpha}$ $V_{\alpha} = V_{\alpha$ $V = \frac{2}{x} | x = x$

HREVE. (K: inf. oard.).

X: TOPREY: HR= UH, CVE.

上等野江亚、土

K: regular. kelich towe Xx X中Vx |X|Cた、Xはなけ、水車を Jyex, y∉Vr.
In/cr

子(x,y) ハチ(x,z)

「F(y) yex]: 質合。 F(x,y) ハチ(x,z)

- 34=2.

下: 陶数757. X: 渡鹰上以下.

FCy) | yex) U + (+(y)). | < k!

(FCY) | y ex) = 74.

1

f. domt rout. f(x) = {t(x) | yex}. f(x = to(x x y).

x: y = x. 全位, X = | Kx].

ママニリア、マドノニアトントーアトンとは、入事行為、沈寝に歌る、

スとOu、ot(x):xa川原型.

$$min(x) = (x)$$

$$\sup (x) = \bigcup x$$
.

[x]~: xの部場合、のせがな、

B=219

BEQ P:Dro

xatsont eis. &3 a: ord, xna.

x Ey. xcy.

XE Du. 12 \$7LZ.

Liard W. X a print boint got.

 $\bigcup (\times n_Y) = Y \cdot > 0.$

CEOn. + & AT club.

€> 8 ±11/1.±1. Calimit point \$
13 C1=R3+3.

limit point: S EFF7.

C ox S TA V-closed unbounded.

Constitution Colinations.

Cofinality v. ata 12 C.12/3 2/13.

Lint point: 5 2+37.

S & STA T'stationary

(=>. Y C: STA T'club. COS +4

2: ordinal.

12>0/x/ = (2)42

XEDW f:X -> Our regressive.

Oca. : club.

Proof.

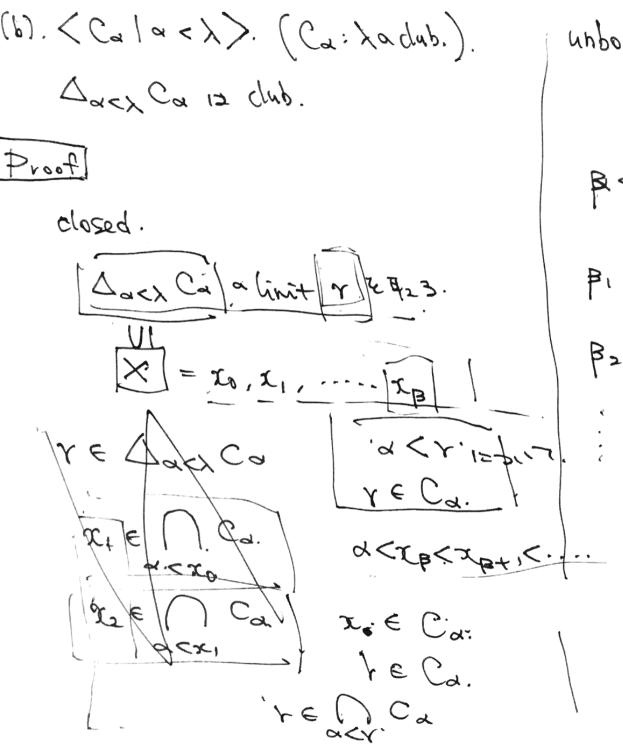
closed.

unbounded. . p<>

BO VIBUTE BI V. BZ

DEWに対して、「Bi, Bi+1)、は 全てのCaと支わる。

SUP B: = PW. TE Ca. T



unbounded. \$<>. FREITZE DOKY Ca. at. R< 1. [acp. Cai]: club (0.1.(a)) B> ∈ () Ca. sup B: = B"

0. (. (c).

S: Stationary in λ .

f:5 -> > : regressive.

= del. , f (323) :stationary.

Proof

f (faz). n Ca = \$ Ca: club.

Dask Ca: club (o.1.(b)).

Sn Dack Ca Dx.

X & Dach Ca ES acx >> x & Ca. => [a<x => f(x) #a]

fareg. 1/41= E 33.

U<> : regular. 50

5 = { } < \ / cf(}) = v.}

S: stationary in X.

C = D-closed unbounded

SOC# .

Snc Da

a : cofinality v.

→ X € C. See Da.

50 (3a.

o-club CES.

Pilter. Ideal.

FEPCS). ifilter.

J. A. BEF. AOBEF.

· SEF

(BEF. ACA = HEF.

· 中美干。

· principal 7"+30, 2 ...

film F + E. EP(S) 125-7 ST.

FXES PFEE, YEX] = F.

filter F to > >- complete.

海港~A,,.....

 $\bigcap A_{\bullet} \in \mathcal{F}$.

attrafiter.

*A. AEF Y ACOMPET. S-A.

anform.

X∈F. |x|=|s|.

filter.

F: fitter. A hafinal segment. >-a. tishen.

ideal. 1= >1.713 dual To 1=.

CX: Laclub set 7" SERRITAB 77W7-

NSX: Y and how-stationary to set 7"

C1 C2.

NI. NZ [NIONZ] CINCZ.

内·Le-割处式. 122 M. 40 Mragett. Jr. -> FreM

Yx -> YxEM.

P(x) OM NOTAXIT.

t (x, ..., xx) | 25t, ..., ti) 9 (x1, ..., xn).

t(t,,...,tn)

9 (t,,...,tn)

M: 1c-稱这下7".

M= 9. 2 * 1 = d.

yaMに対する子をするからかいかった

MERTC

T:理論 Con(T). とは Taモデルの存在。

理於丁,丁2.

てとがすいられて 地をする 巨大な

ZFC = Con(Ti) -> Con(Tz)

好かて、た、海気に得る、イミゴ

ZFC =· (on(T) con(T2).

9.197. T.: 1 = 1223. (M, E) ri E-model. KM. E) Tatill. REM" (M.EOMXM, R) रिट र छा नितंत्रह. € ∨ トゴない……メル」 Gödel-Tarski. [4343....]

diag-intersec.

Spex / Yacp Be Ca.3 PEX | azp V pe (a) () (bex | asb x BeCaj.

ą.