```
Teopera 5-A.
 My coo V-out-To more l'rou lemogran X,
       K= V° = < F ∈ X*: |F(x)| ≤ 1, x ∈ V}
Torga K - caso-x komnanino.
Dongesendella . Du hydonomo moueria XE X
                                             3 tx: xe txV, r.c.
                                             F= K.
  IF(x)) stx, xex, FEK.
 · Dochopun guch distetx3:= Dx C F
  pacinofum genopolo uponsegere
                                            d|F(x) |< 5, gm XEA
     P:= Dx, u poronorus
  Wronglegeme & Keen.
 . 47 tame menena P? dro øyrkym f: X 9 F, rame zo
                   18G)1 < tx, 206X.
                            (i) T - Tomorome genaproba apaylegene, nacregibane
   kcx* nP.
                             Lii) W*
  . (i)=(ii) , K - Z-jankryro.
  Arbelonensnour renormi. Ryero Fo EK, japuxarpyen 25,--, 2n EX, 8>0
                            (F(x1)-Fo(x3)) <8, j=1-n3-x-den-8x*
     (a) W1:= < F EX*:
    (8) Wz: - < f ∈ P: |f(x;) -F<sub>3</sub>(x;)| c8, j=1... }.
        L> 1. Sega & P LOST
Lost revi Fo.
       W, NK = W2 NK.
 Someryrous Kbt. Pyus fo & clost K. Japakenpyen X, y EX, la, le & J,
    2f \in P: |f-f_0| < \varepsilon na x,y, \lambda, x+\lambda_{2y}  \Rightarrow xore on oyne
  f_0(\lambda_1 x + \lambda_2 y) - \lambda_1 f_0(x) - \lambda_2 f_0(y) = (f_0 - f) (\lambda_1 x + \lambda_2 y) +
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+ 1, (f-to) (x) + 2 (f-to) (y)

Dangeressibre. 2xx2 -cr. lusgy mornel & X, que FEX woxopur for (F):= F(xn). Ba for W* - neufeforben na X*. [com In (F) = fu(F') que varison F, F' v Un, no F(xn) = F'(xn) th, no torge F=F1-7.4. 2xy1-navino PX. In - crêture envenèrs o grungin, mens. na xt, payen enoughe roy un. P(F,6):= 22 / 1/2(G)-f2(F) Георена. Для коколько витуклого проедранства X ограничением Совиадает ео сладой обраки генкостью. E- on. C) & V-out-20 more 3 to EIR: ECLV & INIZEO. E-enobory. @ YFEX* /F(x)) & comst, X & D. Teopena. Nyes ECX, X-rox. bruyane. Tosse dos E = dos E. L x: 1Fu(x) 1 < ε, κ=1... λ . Teopena o Sunorape. X-rox. Innyrose, ECX-yealus bennemal. Targe E° = clos (comu E). E°= & FEX*: IFG)| 21 HXEE), E°= &xEX! |FG) | E1 HFEE° 3.

fo (hixthay) - hi fo(x) - hzfo(y) < (1+1), 1+1/2). E

16Q) /41.

San XEV, 6>0, ancronnes 1f(x) -fo(x) 1 € E, upone roro 1f(x) 1 € 1.

Engustue. Eau X-cenqualemente T. l. reportantes, K- W*-womans & X,

{- upoylonore, λ, λz-rxe => fo- nuturihur opHreguoran.

Cono sur fo & K.

as K renjuggens.

Dougoscheabo. Nyero Xo EX, Xo & clos E. No ograny cy cregatin X-5
(00 osgenneuer longueux moxech) upmuephen K dos Eu 2xo3,
FFEX*, tell. VXE dosE: Re F(xo) <t <="" f(x),<="" pe="" td=""></t>
Paccumpum rouge <x (x)="" <="" ex:="" f="" re="" t="" }=""> Xo (cado origina)</x>
Peccumpum rarge $4x \in X'$. Re $F(x) \ge t$ $3 \times \infty$ caso original caso original caso original caso original caso original $X \in A$ $C = A = A = A = A = A = A = A = A = A = $
Gono Das Kod alos WE. B
Teopena Kpeina-Musbuana
Infograme. My us X- aureinne lerrophoe, & CX. Massecho SCK
agulcesel Kpainnen, east
tx+ (1-t)y ES, x,y ex => x,y e S,
Toures Xo nogabordes réfairer, evan 2xo3 - répairer mossecolos-
Teopena (Kpein-Mussuan) Pyro X-somonomerceur lemopnes chaifants, X popular tours. Pyro K-kannanthoe bringmes mymospects X. Tanga
K = clos conv 2 repairer romen K 3.
Dorganocido. Pych cemencido D-colonymento leex repainteux ramacionex SCK,
\mathcal{F}_{\bullet} 0. \mathcal{F}_{\bullet} 1 c \mathcal{F}_{\bullet} \cap \mathcal{F}_{\bullet} \in \mathcal{F}_{\bullet}
J+Ø. JSJCD, MSa +Ø => MSa ED. SED, FEX*, L= max ReF(x), word S==2xeS: ReF(x)=te3 xeS
Nyuro X, y e K, a rouge (2= tx+ (1-t)y e St.). St. E.J.
My your xy ∈ S= le F(x) ∈ t= (1) le F(2) = t= = le F(x) = t= le F(x) = t= = le F(x) = t= le F(x) = t= le F(x) = t= le F(x) = le F(x) = t= le F(x) = le F(x)
Japuncufyen ranse-moyer SED, worm
J'= JECS: E∈JJ. SeJ'a J'+Ø,
Calisin ha P warren no bunjoyens.

Nyero St. maxemente persente gropequemes emissible P!
Paccusium M= NE. Gano Sus 19 + P= MED! EESL
Nyero M'CM. Een M'ED=) M'=M=2 FEX - roxeg. romesansa re M. Nyero ve rax, τ . i. \vec{J} removement Fira M, pacum. $M_{\rm p} \neq \emptyset$
Cons du modein Fry X wissernen ne M. No pagenerus souen M= 2203 - Gainer rouser
Vrogo: Mosor Mainer (nomainer) S'cosepher (fairnos Torrey.
Cu golesenono H=CONU(upantue royum K) u gan USEP HNSFO. Dence, K-reameni, van 200 clos H CK, clos H-kannavira.
Myun Xoek xok dos H.
Clark. Namgërer Ramen grjangmonen FEX*, no Re F (x) < Re F(xo) V zo E Clos M. [Cust. K= N clos M = Ø Vxek: leF(x) = max Re F(x) }. Namons, K= E D, **Ek* herolynne.
Closin energy of
Interpresent. Ny coo X — Tonoropique cue leutopuse, X pegs. Toulou, A , B —bruggenne nounaum, A A B = B . Total B E
Donajaren 180. A , B kommanom el $X_W = (X, U)$. \Rightarrow our janvenger l'anshoi sur mono
FE(XW) - yearhuro. => FEXX. RE
Rpuneneum K-M.

C(S) - renfermén dynym $S \longrightarrow C$, S - kour. Xeyesopsolo ACCCS) : 1, geA > fgeA. E-vnoxecibo annensueque que A, eau + A e A, A-leigedeniqueme =) f|= cist. Tymp: S-romani l.C., A= Hol (nt.S), roser unoxester avancuembre - borg. comornos chegran Int S. Tespena (Funar) Pyro A- journyter nogansed a l C(S), cogephonyer Chigabre (Croyn-Beinepurpace) 9=9 na E=9 g A. Mysso A-jankryses nogensedes bC(S), cog. soutrans, peggineogie Tour Econ A currierpunse (feA = TEA), to A = C(S). But y enegative. Cumulpunour \Rightarrow leag. Lynque forgeness town \Rightarrow mosterable announcement opposite even \Rightarrow who phomes temperature $g \in C(S)$ you for the pute year temperature $g \in C(S)$. Donogorendo. Nanonogyrace: reopera Pucca- Mapuela - Karegiarun npo (CCS). (C(S)) - pægondene nepn na S, komnepensjuarene.

Soperebene

pergrepnel

pergrepnel

ponerner na konn. foccs) Fr. fr. fdq. EC. Paremojum anymop A: A = d F E (S) ! F(f) = 0 4 f E A }. of 19-19-K.

of 19-19-K.

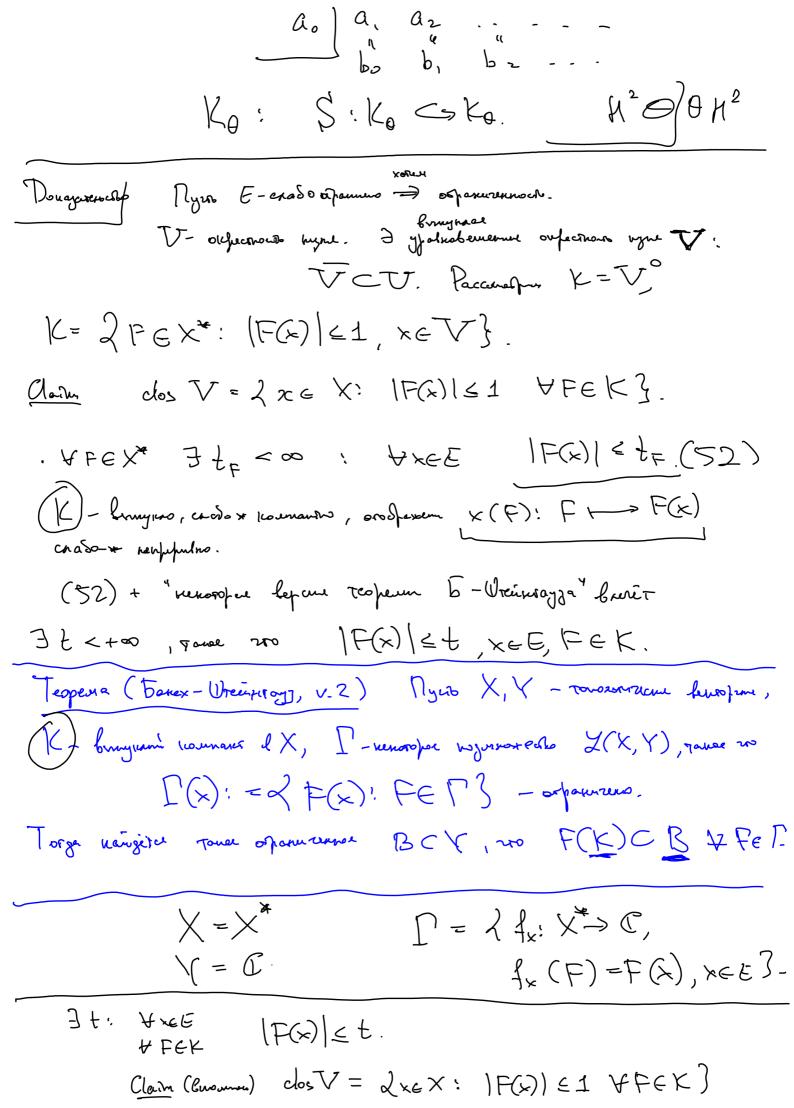
Soperebone, bonne us S:

Sfdm=0 + feAS.

· Paccuajum K = 2 m E A ! | m | 1 ≤ 13) M= Repet i Imp | [= Repate B.] = + (Impa) --7-luy.)-(A)= sup of 8/B): BCA3. -(Imm)-||u| = /m(5). · K - knyanel, ypalnolemennol, crob- « comanione. · K=20] , ~ A=203, a rosse A=C(S). · Cuercen, vo Kt 203, peccuoque chonimo rongy K, Sognam et yeng pe. Apolyur, no 1/1/1=1. Nouskun syppy:= E. Perconstrum pyricigues fet, rango no 0< f<1 ma 4x6E. do:= fdr 2 | T, T ∈ A? Denu ||0|, ||t||>0. do != (1-f)dp. \(\frac{1}{\tau(E)} \cdot = \int f dp. \) - 11211 = 1. Std/m/+ S(1-t/d/p) = 1/m=1. Crano Sho, preces hongree reausurague meso [, = 11011 /4- et année game, coaso dus suso pr= [0, Nyero, nompreny, Ta=pr. Game Suro Adpr = Norll dyr = f = com? Lx6E: f(2) = 110113 - Loun, Deinat.: Pyraque of neufeful non, (m1 (2 3) = 1 MII, a E - wowsers =)

A > 2 const }, cromo shoo! que modori pr - mainer rome L'el nouvers eur unstecho enon ensulationmen ogno vereno A f-ley, pyrger eg A. f-(fy)-f-Myo I wour news o y 1 - Nyro reneps of yestrestopers yershum tespen. Torge Sgdp = 0 4 kformen romen pa aungueropuoro maya K, prangaguer A Stolm = Suppr tolm. Voor, moser rance g us genatur ansugnifigerer répairement genaru unomerba K. Een gangrupgere plaineur vorrann K > 2) gannsnygre Court d'étaineux somen K?. Teneps updepun, us g annympges clos con list. on unis. Pacanoque modamen E[pa]: pe+> Jgdp. G-W+ Helpfulto na Kg excus Surs ecu Jgdr=0 y h € Courtep. round => Hpr€ Clos courtey. KM, somen SgdM=0 +MEK=) HMEA! ge A no X.-6.

 $H^{2}(D) = \frac{1}{4!} \frac{1}{4!}$



TYDUM Mala 3, respense 3.12, 3.15,

3.18 (u longr)

3.19, 3.20

5.7.