Teoperna (Guth 2017) (Soura unorejon Tornoba 83) Jen mua vo
Dre motoro punanda unorootpaque M":
Dre motoro punanda unorodipaque M": kannakt noro UWn-1 M & Ch Vvoly M
Condetbue: du modoù punandoù mespuke na n-cyeserlennour n-nepron (kompakthon) nenroapapen M bomornero
п-мерпон (компоктион) меногоорарии м воточнего
Sys M & Cn Vola M
MPEPEKBU3 UTb1
(Korivina Toproni) Cumpinguarther korinnere K_
howop nogmnoxeció kopernoro unexecto V, co chareston
(Rominua Tophbin) Cumpunguarbourn porumence K
FEK - "mans" novembre Kea K "pazuepnoeth" dimF=#F-1
(Геометрический) Симприциальный комплеке —
Tono sourceroe aporthanosto, charennoe us envinnercol runa
Tono som rechoe specificancibo, charennoe uj en intercob runa $\Delta^d = \left\{ (X_0,, X_d) \in \mathbb{R}^{d+1} \middle \begin{array}{c} X_0,, X_d \geqslant 0 \\ \sum X_i = 1 \end{array} \right\}$
2000
COCHATINO CEPTOXY K (KOMB. CUMPA. KOMBAREKC): KOLX GOT YPANTEK COOTOUTCT BYET KOMBE DO 11234) EK d=dim F
5 521.76 K
1 3 6
(14,7) EL
11234 S = K 1234 S = K 1234 S = K 1473 E K 163 E K 1573 C K
Ont Prince de nouisop - moetheners, entre end nougher gennong gennong gennong gennong end hause hand warment noun reke naxque shapp eoghxuitel b n-mepuon spanne (pure)
· Mall pureceur lummu guaruntur vounnexe
▶ raxgere shaple coglexuitee & n-mephon spanne (pure)
• na kaxeoù rhanu zagana hunanoba nethura

e gre roson hapor hepecerawy nxas rhomen lex punanober netpura contacobano na repecerenna (orpanirenne netpur no repecerence spancired naganos
netpura contacobansi na nepecetenna (orpanirenne ne pur
no repectieque panci conaganos
Baruranus Du cheznowo prinanola nomegopa dist (p,q)
anhere selled hak uniperget gray khuffer ~ u. p. B.
Orpanissence 7/20 - pacnagaeter 6 ovolegineme
Orhannemure $\mathcal{J} _{F^n}$ — fractage ter b over gunenue tye. Thagunx kpuboxx len $\mathcal{J}=\sum_{F^n}$ len $\mathcal{J} _{F^n}$
2) Rodnandop N - nogruno xecto nomisqua M reotopoe camo
2) Rodnonusop N - nogruoxecto homisqua Mrotopoe camo cumping ethypotypa N nogrumena cumping, ethypotype U modas hans N C nenot. spani M magas broxena. In manoba methuka ha N mayraetae ospanierum methuku M
Morare years N = nexor. spans M
punanoba netpuha ha N
3) $\forall \delta$ modar 1- minumerela fynkume $f: \mathcal{M} \longrightarrow \mathbb{R}$ minomol normsop moxet bett minumerela kycomo modokot 1-minumerela $f: \mathcal{M} \longrightarrow \mathbb{R}$ $\exists f'(x) = f(x) \leq \delta$
punonol nonuzgo
MOXAT DEUT MINDRUXERA KYCOMO MORNOÑ 1 MUNUMULBON f: 4-1
T. z. $ f'(x) - f(x) \leq \delta$
4) (Teopena Corpoa) Ecni $f: M \to \mathbb{R}$ kycorno ragical. To gui north beex at $f(M) \subset \mathbb{R}$ $f'(a) = punanob nognoringop$ haznepnocru $N-1$
TO gue north boex ex f(M) CR f'(a) - punand regnonted
разперности n-1
5) Uz kepabluciba konnousagu credyet:
Ecou f: M°→R kycorus mogras u 1-unuvische,
$\int Vol_{n-1}(f'(t)) dt \leq Vol_n f'([a,6])$
β τα ετινότιι,] $t \in [a, b]$ τ. $vol_{n-1}(f'(t)) \leq \frac{vol_n(f'(a, b))}{6-a}$

