KPYMOB A.M. BO5-202 ST 7
1 X1,, Kn - Bolboppa & supur a. yen pacr. fn . Hann cov (fn (2), fn (9))
Nemma: $F(x) = \int_{\infty}^{\infty} S(t) dt = \int_{\infty}^{\infty} 1[X: \leq x] S(t) dt = F 1[X: \leq x]$
PALMERENME : Fin (x) = ti \(\hat{\mathcal{L}} \), \(1 \) \(\times \times \) = \(\hat{\mathcal{L}} \), \(\mathca
TAXX = nocympan E (Fn(x) Fn(y)) = 1 E (\$1 [X: 5x] . \$1 [X: 5x] = 1 \$ \$ E (1 [X: 5x] 1 [X: 5y]),
$(AE) = \begin{cases} E(1)[x; (x) + x_3(x_3)] & x_3(x_3) \\ E(1)[x; (x) + E(1)] & x_3(x_3) \\ x_3(x_3) + E(1)[x; (x_3) + E(1)] & x_3(x_3) \\ x_3(x_3) + E(1)[x; (x_3) + E(1)] & x_3(x_3) \\ x_3(x_3) + E(1)[x; (x_3) + E(1)] & x_3(x_3) \\ x_3(x_3) + E(1)[x; (x_3) + E(1)] & x_3(x_3) \\ x_3(x_3) + E(1)[x; (x_3) + E(1)] & x_3(x_3) \\ x_3(x_3) + E(1)[x; (x_3) + E(1)] & x_3(x_3) \\ x_3(x_3) + E(1)[x; (x_3) + E(1)] & x_3(x_3) \\ x_3(x_3) + E(1)[x; (x_3) + E(1)] & x_3(x_3) \\ x_3(x_3) + E(1)[x; (x_3) + E(1)[x; (x_3) + E(1)] \\ x_3(x_3) + E(1)[x; (x_3) + E(1)[x; (x_3) + E(1)] \\ x_3(x_3) + E(1)[x; (x_3) + E(1)[x; (x_3)$
= h= (h F(min (x,y)) + n(h-1) F(x) F(y)) = h F(n-1) (x,y)) + n F(x) F(y) . Toran koennyng
(30 (Fn (x), Fn (y)) = E (Fn (x) Fn (y)) - E fn (x) E fn (y) = (t, F (mn (x, y)) + (x) F(x) F(y)) - F(x) F(y) =
=" h F (mm (x,5)) - h F(x) f(y) x 5 () 1 / 1 () 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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2 Ki,, K. ~ P. HAUSH OYEHAY KOJO7A JKCYECCA MESONAM ROACTAROBAN. ONLING CKEN MESONA 655-
KOJP, DKCYECCA: y= - E(X-a) -3. ; OJEHNA KOJD-JA DKCYECA MEJOHOM MOACIANBRU:
$\hat{\chi} = \frac{1}{\hat{a}^{-1}} \int (x - \hat{a})^{-1} J \hat{F}_{\mu}(x) - 3 = n \hat{a}^{-1} \sum_{i=1}^{n} (X_{i} - \hat{a})^{-1} - 3 (AHMOGYNO MA) \in \mathcal{A}_{\mu} A $
5 R carried B when the hard was all the all the second was a second with t
Chera mesons 650 rem and oyenny dune payer oyenny total. Inyella
1) Cremepypyen B Gyrarennow Rolcopox is small Palmerenny Pn, 7.1. X6 = (X61, -, X6n),
LEIB, KARMA REGERA - no M CANTAGEMIN (MINERILLI W U(1,, N)) ANTOL WY (XI, XI) C
Rosersugerners.
2) 10 KAKAOG 67 GRENKOG BUGOPKE NOCYUSAEN &, NOOYUM XI = X(XI),, XB = X(XB);
3) represent Bi , 6 ETB 4 Charlesten sun Amportungun oyerny dynascun oyerny
1.e. $\hat{V}_{loot} = \hat{D}\hat{J} = \frac{1}{B}\sum_{b=1}^{B}(\hat{X}_{b}^{\dagger})^{2} - (\frac{1}{B}\sum_{b=1}^{B}\hat{X}_{b}^{\dagger})^{2}$. $\hat{V}_{loot} - worder(1)$ order
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3 GORMANAPORKY
a) one HER LATAMETER - CLASSICIAMA (4. YM OS BEIGERM), Munekaenta una noroxenta pricinguenta noro
3HA LE HUM HENDOPOLO MATA HEPA
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METER MORRET ANDREW - METER MONTHERING OYERMY, APA RODORDA GROWN STONE PARTY PARTY & THE E MOCKETARIO C MONOGEN dies
METOR HOME- KAPAO - MESOR YUMENKOTO UKI ETPYPOGANIA, MATONARONYUM UKI ETPAA HE BURN MATOKANAANIA
Orneyun or passion, parreterpanon (8: 35(x) dx = (6-0) 5 th) Punitum dx = (6-0) Ef(X), (re X ~ U (-4). Joran 35(x) dx & (6-0) th Ef(X). Here show an IPN, N>> 1.
OMO - DYCKEN, MACCHINSWINDING PYLOO LX(D)= 1, PO(X) - PYLOO MARTO MAGGIN

3 (npodonxenne)	
a) or cum 103 was presond noscIANOGINA: Vin	
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AMPORCUMAYUR METOROM MY N OYERKU METOROS A	CANCINU: VB
[4] XIII Xn - PEANBAYING BOLGORIN XI XI -	nocifoehman no neu Gricipenhan Bolgopha. C maroù Bez-
TON SAT I nong per & Grovennon Buspens?	nochware cheance # how. 31-308 & 623 MEUNING BUGGENE
enn & uck, borbophe Bee HAGNO ARHING PAS	
i) P(x: \(\xi\) = 1 - P(x:\(\xi\) = 1 - P()	$x:=X_{i}^{*})P(x:=X_{n}^{*})=1-(\frac{n-1}{n})^{n}=1-(1-\frac{1}{n})^{n}$
MHIEFECHO, UTO (1-1)" -> E", T.E. AND	AOCTATIONNO CONGLUM N: P(X: EX*) = 1-E" -11
N	5 0 () () () () ()
4 # YHWAMINGK = ≥ 15x; € X*3 ⇒ 1 (# YHU	wantum = $\sum_{i=1}^{n} P(x_i \in X^*) = n(1-(1-1)^n) \approx n(i-e^n)$
(SAN PAGOZAR), RUM B UCX REGORDER. RED WAGO DONLO	Pasaguali) his nukeúNolin Agrokuranug n
BGBOA: PU ADCIATOUNG GOIGHER PARTEPAR BGGG	PIN H KATAGIN 313 NOWN HABEPHERA MONARES B
Grane Nuro Bakoper, u natur Haberhana on	. 16 6 SUPPINOU BOWDERN GYAY THURANGHIMA
· [5] X1,, X1111 ~ 11 [0,0], ô= X111. Novem 64000	n and Oyenry PALMERERLY & CPAGOIAET MOKO?
V(w) 677 CPC . (LGO PR > X6 = (X61) , X61	in), 6 = 1,8, u mox X6 := X6(n). Toran
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= (1-en)B ~ (1-en)h < 1	
= (1-en)B ~ (1-en)h < 1	KURANUS OGENMY MPARESPA GIRET BANGKEHA, U

[6] X₁,..., X_n - βωβορκΑ, X^x,..., X^x_n - nouge. no Neig bysoren. βωβορκΑ, X^x := h Σ X^x; Haysu

D(X^x | X₁,..., X_n) -? D X^x -? $D(\bar{X}^{*}|X_{1},...,X_{n}) = \hat{D}\bar{X}^{*} = \frac{1}{B}\sum_{i=1}^{B}(\bar{X}_{b}^{*})^{2} - (\frac{1}{B}\sum_{i=1}^{B}\bar{X}_{b}^{*})^{2} \stackrel{B=1}{=} (\bar{X}^{*})^{2} - (\bar{X}^{*})^{2} = 0$ ACITUS TENGNO, MU BARANNOù PEANNBAYUN BELGERN CAMAGNOUT UCYCESTO U AUCHERUN OANOBRAYNO = O. $\overline{D} \overline{X^{+}} = \frac{1}{n^{2}} \sum_{i} \overline{D} X_{i}^{*} = \frac{1}{n^{2}} \sum_{i} \overline{D} X_{i}^{*}$ & 950M LNYAR NENOTOPAS CNYACHAS NOTEWHOOD CORPANSELY & AUGRECUS [7] persecula Y 10 X, organia colleginoù nomoun (K,Y) c saron 2(x)-2(y) E(XIX) Naisu oyanir u ceroning a rosery salphon perfeccing (rengun: In (x) = hh = 2 (x-X; h), obsergun: I (x/s) = nhxhy = 2 (hx) 2 (hy). But h = 1 Christon & Shahan Waterway retraction: Torm E(YIX) = Jy fly | x) dy = J y fly | x) dy = $= \int \frac{y \, \sum \, \gamma \, (x - X;) \, \gamma \, (y - Y;)}{\sum \, \gamma \, (x - X;)} \, dy = \underbrace{\sum \, \left(\gamma \, (x - X;) \, \int \, \gamma \, \gamma \, (y - Y;) \, dy \right)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x - X;)} \underbrace{\sum \, \gamma \, (x - X;)}_{\sum \, \gamma \, (x$