Pacnfegentine ruena mangretures Médobaties

le novore Marbug

Ha njegordywyux rekejewex sur paccellotsony pag racmitex cryrael noroka Marella, poroppe norboisser exhariers noroke e mong-Bosoner ziearenney kozagneguenta babucuper grund un replens mende pasobermeny or Bracheocome, up y 82 = 0 monero u massono n me obare moser pergrupuoro novoka, neu 8<4-4 elogens noroke France, noroke St = 1 - Mogers reproduced mero to a reproduction of the second services of the second second services of the second pazoeren proportion finance pachegere-no recelo proportione o marore nhusteener pachegenerus NH) xaparer-purperus Bohn mining susperue Representation au Pn(t)= PrN(t)=ng, (n=0,00). Kax mue nomeneen, novak Mark man-MOCTORO XAPAKTEPUJYETU ZAKOHOU PACUJE-MOCTORO XAPAKTEPUJYETU ZAKOHOU PACUJE GERLANUE LITETE BOLA MEMBY TPETOBETHOCTY QUELTINO JENEZ GUYLINGENO Q(T). Have YEAL - Corporation Q(T). Обозначим моменто прихода послеgobarehous The Tobbeneer 6 no roke Manbles repez Y X X=1 Marriours beparresence

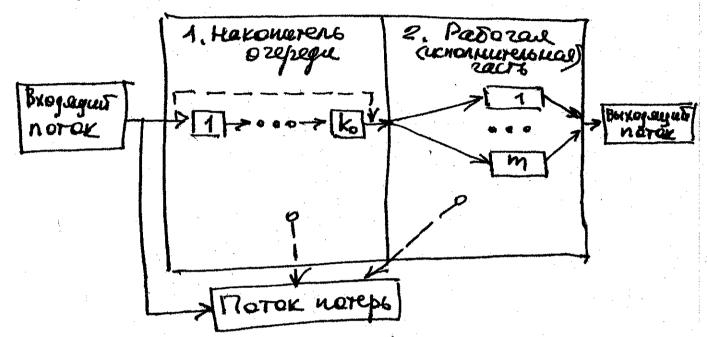
The bygem objeterators repez fk(y). Dance, как объего, функцию распределения интервала менеру требовениями объегия repez A(t). Paccuatpien beparente emegrerbud Theobanuer 16 unirepour [0,t] Orea howy a crue 18 unirepour [0,t] orea not control of the solution of universe are [0,t] of the solution of th $P_{o}(t) = P_{o}(t) = P_{o}(t)$ no emperemeno (2) grupaes croproduct no emperemeno (3) $P_{o}(t) = A(t)$. (4) greareur Po(t) = 1-A(t). Teness Boesazeur Besaurriects Pn(t)
npu upouzboliseau n >0, Mangriero Pn(t)= Pr(Yn st, Yn+) >t). Imy besoerhours nonthe brisas ut refer zavon paenpegenerus in chegypolegung $P_n(t) = \int_0^T f_n(y) [1 - A(t-y)] dy$. (6) B river paberiette In(y)dy gaet Ineventer leparticet to 20, 200 menue guer leparticet to 20, 200 monard rebel to a le roper monard respersion to 20, 2000 menue guer leparticet to 20, 2000 monard menue guer leparticet men oxadierne Torone É-Y. B peryperare Yn+1 Syger remare mpaber torky t. Octanoce nongreure zakon fuly).

Drg ero borruchemme zallemun, r (172), $Y_n = Y_{n-1} + T_n$ u In reezaluceum. npu npureu Yn-1 grow, orebugues, B much coornamenment In edyperact n-5 unereplex & narone Manbula. No empleremus horoxa Marsue Bee In merabuleurs no sakony ago) u paenhegeaeur 200 gynkynn fr y colner kopskar peryppeternen e coorniducencesty $f_n(y) = \int a(y-x) f_{n-1}(x) dx, (n, x)(9)$ upureue (10) $f_1(y) = a(y)$. Pacupiqueme rucha Thedobarient 6 upocretimen noroke Рессиотрин в качестве примера engrant upderecturero naraka, korga $a(\tau) = \lambda e^{-\lambda \tau}$. B From engral methogene nonazoro, rro $f_n(y) = \lambda e^{-\lambda y} \frac{(\lambda y)^{n-1}}{(n-1)!},$ Πρи n=1 coznacreo (10) βοιραπιένων (12) enpalegnulo, mo cers daza ungge-quie uneer mecro. renept gongereuer, 200 (12) une et le como note uponzons recuy n. Torge (9) Exque uners! COZAQCNO

fn+1(y)= 5 1 = 1(y-x) 1 = xy (1y)" (n-1)! = $\lambda e^{-\lambda y} \int_{0}^{y} \lambda \frac{(\lambda y)^{n-1}}{(n-1)!} dy$ = $\lambda e^{-\lambda y} \frac{(\lambda y)^{n}}{(n-1)!}$ mo ects nony riein controuverne lenga (12), le Koropour n zameneno ma 11. Taxum esparour, gropingue (12) cokazana Tenepo deparrumen k gropingue (6), (12), 6 Karopeur 170 enségerencero $A(\tau) = \mathcal{G}\{\tau_{K} < \tau\} = \int \lambda e^{-\lambda s} ds =$ (70). Mogemalers & leupanieure (14) & (6), Pn(t) = 5 2e 29 (24) 1 = -2 (t-y) dy = Typene unert = e > + 5 x (24)n-1 dy = $=e^{-\lambda t}\frac{(\lambda t)^n}{(n \ge 1)}.$ no papenne (4) e y rerone (14) $Po(t) = e^{-\lambda t}$ no proving palementes (15) enpelegrules nou motor 120, 70 ecre $P_n(t) = e^{-\lambda t} \frac{(\lambda t)^n}{nT}$, $(n \ge 0)$ (17). Muare roleope, 6 importentuelle pacupagnement no zakony styaccomo c napamentam & t.

reconstructed oresegy u unansurentual

Remopyra un paccuatrubem na nephore recycles (en. puc. 1)



Puc. 1. Obyque exerca CMO: k-enkocomb cucreuv, m-ruero kamento obcujnumbonus, ko=k-m - enkocre makonuras

Do hacmosyero Monerta un zamunerence noctpoentiem suspenes brogsyero nos ora. Teneps xore To kparko crejyer ekazare o gligx gryguex oenerbanex Inevientax CMO - hakometere u persono (unu ucuanum tens neot) zaemu. Osa Inux Ineviente CMO pasotaret B rechever konetakte, u norranguex yfodrio pasculo trete cob inectred. Ecru B centrene unientru ala-soprale kanenoj oscaymu berene, to torga breas no forme persone viene pesoberene

5-

often us mux, energy hereoneters (nymeraphan)
Number 6 estag maxoneters ma puc. 1),
Haxonerer bumaraerul 6 sasary Tomas

nous excepter lun cherrymux Kerierob, Ero Haguerende - corpansto nonabune le mero resolence à repegalare 6 resprenceyen hop sque na vicing huberene. Ocnobronien reces of copeneus populeters si buliores: enkocht (or seu) rekkometer, gucyfunning

o repegue u coxparinous pesobatelles pubairce agua ad yar orgage. Takar apraruezaque pareron maxonirens yenecoaspaznes, can be treorbenue upenturent u bit souch ed cignieraune or rafation of well bredly kaparтервесникание. В протовном слугае мочут возникать несколько очередей. На-

nfuelep, & upurpurerness cucrellex morgi boyens row upuberer upo bemuse The Tobalia. unbrea paecelear publicar " CMO c'hleugen-

rardonne Karterelly.

EMKOUTE MAKONUTERA KO MONEET There appendent yenoul rundel et 0
go Deckoreermoern, 3 merenne ko zo co.
Therestyer cucrome c ornarany. Trycor. Notrales meno el namero le namero de обсеупивения. В системе с отказами Nem buobs nojourque Theoblerure c'pagy ujer mes overegnemberene, a nome N=m Bezbybparrio repaeral. Takue mens crymeniloit peoblement of payment nover noteps. Frierener N>m 6 evereure c errafailly relationered. Prycro renepe Kozo u Komezmo.

No m bush noemignebull presoberule c norget ne excherence, en Bemener Borepegs, npu m=N< a now N=K norepserul. Toisail charlie mapribalerel cucrement configuracy a oradony. Year Torone Ko, rent beparencers others of syfet uenoue, onegeneury. B mex norther excyper norge berare l'orepegé. Ducyunnuma orepy reazorbares nopegox Condopa Theodernier uz Orepegu gan référence ne débitoongéraquées lédications. nonde quegannement 26 retort; avent muleune & noprepue noencepraence (01714 everynuberul de asparatous nos éque (00n) 4 overegnulbanue 6 engratrion nopsegue (DE17). B zapydenemos Mrépa-Type rauce cucquentiut ungpuerul Mak FCFS (first come-first serve) LCFS (last come-first serve) u B nperanguyux pacculos perunex cruta-NOCE, 200 havonurens overnerubaes monuelos coxpanners nonabullex 6 mero sperobetiva Mulleuleure u donce voyue réglere, 6 Hanfreder breug murphus borefigue Hanfreder breug mustrum borefigue Moment orpenentaletocal lacery merephenulocry Knueurob uny Kekux-Muso rexueurouerellex orfamereneer, Heodery nietenoie Theoderung

novembre une mexoneters, nouvoe gurunostil

~7-

k nerouy LEKONETER THE OBELLE HE noglepra. replace ne rement or enfrueblier, partenus no exceptambenero roxanezobana в исполнительной (рабочей) гаения. Moulle le rapauréplière la gons amel? rucio kendros, ruaio graj uso reg uarregare icaneere, zame parupepearance Chereda steagmenterine, orep terpy zue kandrob u coxpatence Vanerve odcagnueboueux coefficielles reparrenais de connepgrat Boznonue caryaque horge edemo kano. buoks uderiegrubule my Theore Chile Zajaerus uphibleneres, authoris besophine que que un este orchefu. Evel bee chodophine revient ufent retricts, to boote of home words us mex mos zarher my morey (akenora, mo che rainelles (De 17). Boed of monrow, que esperience, Hazoebaerul Xonoghour zarjuzund (alle-Nor giecyien suren 91717), a baidop Ka-Hana, a chad ogubunerotie naenignung no Cheled oqueluierous paribus cremy, major Baemar reperent farjagicos u senteral anenorous gucyunneun con, pasois napulaire oprenus aguancia Grubanus Tresobonus 6 parores racine. The Hanvier recuenties das obcupunserve régrésaire mirogragnodes. Due mooro kanena socie nubernul Breme vocaynemberene X, boodinge roleope, paenpegeneur no cry rais reaux

zakony, dovrulluy undricoto COKOLT-MYHKYUL BI(X) repez 6(x). Horserus bankeberuser xapakrepuc mukous CMO. 3 gece manne, kan a nou anenuze un repleade les bropayens sorone, blogar epique been been sorone, blogar (x b(x)dx, $\overline{x} = M[X] =$ guenepeuro Eperience co cry neuberille (x-x)2b(x)dx, 119) $\delta_{\mathbf{r}} = \mathcal{D}[X] =$ KOZZquegueaet Bapuegueg 1/x = 52 u un resecuberoers of cry nubering (21) OTHERNO CRUPALITIE, WO JUSTERYEL 6(x) of excense me been the beraul. Toyal eeru kaner pasoraet noereneum, Jez Boexogenguer noron upderbeb, to roys Typer nexpercebult consider rangoro reverd 3/2 Koriere paentigeneur notok Rantina C $\mathcal{B}(\mathbf{x})$, unerephena, palmerous Arotail CMD cocracer uz successionex bouve emangaprover menteuros 300ars ore quereet zadats rucholdre ndu k, a faience l-meno ucronnende marfregues, a(t) - zanone pacyregeneaus heldespland beingy generul Copeniery of Calprillerica. et nerein, tro upu nogendpobenny bix) esterne icuailzyrer re me cauline закони, гло и при мерелировании a(t).

Kraccuquekayue CMU no Kendany cucreus consayennes of the remuse CMO, neropail nytiens ret e nomenyoro vopernot cumboranco mermocomoro Oxapaurepupobers reaccoone bancoure carecotentiale readenicary percenterina eye & cepépeere nperenno baka aurruitcher greany D. Kerpamon.

Cytycer beger gle bepuerre dynerous u ustuno Kereganny - Thex dyuboromed Tyckeneder Tpextychenna cureille iquelle Merre que ouclement current e orande uliene. 1) Brogening noter converse morarous Nambia: 2) que la verormine la marrysme (= 00; 4) que no 3) Emerch Hakomerene ko = 00; 4) que no Kanenob et cay mubereur m npour bonsus;

5) bre namero, regeneration, vocalgoriellerence oprograguese.

10-

HOE ODYNIETERULE CMP WHEET GERG A/B/m, upuren Tyreber AuB zafarer, coothere beneve, zavon pacupeque les unreposed merete y passachement les expenses un zavon pacupequeresteur breeuerus socrifneubereud, Tynker AuB odyskazarow zanore, busparlner iz crandapreuro readopa pacyfegenerieur: M (nonaggrendacour zakon), Ег взакон Эрганга поредня Г) Hr (runeporcuoreereguener beet zaucon

ropequa T), D (gerepulluly bellulus Jalen),

(Javon etypero luja)

(Javon etyperilulus currentus lujasta,

k u l ofunentoex ucrorright lujasta,

mo ecre druamiente of nfegnonomialist

2) u 3) efenentus nfur libererium trex
Truberlacer centrentus bie ocrane mete

ofongujerium conferience. Torse adozina
heren farener currentu ululat bing

A/B/m/k/l, npieren zeere tucxogeigien et

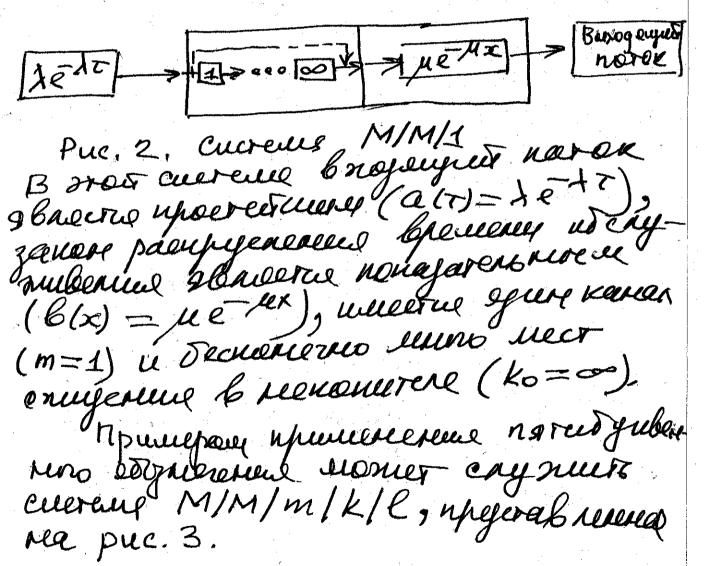
verpentumpi ucrorrina.

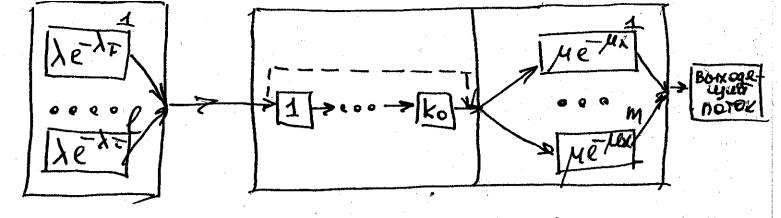
Trocmen unun rensiesou cucrentus

e oringrimen 26 militio CMO kracca

e oringrimen 26 militio CMO kracca

M/M/1, npierabrimen her puc. 2.





Puc. 3. Cucreme M/M/m/k/l

Bre upu ruentherx nepersepte m, k, l
worser apurument nposessentemes guereness
bushozas y decusasionesse