16:05.2022 Mopenie over ben up.a. Tokunda Aniecratypa Of die = redt + The Sedde 1 1800 Mit 2 ropp spage gliene | dut = XU(10-U1)+6 U1 24 dhis 1 16>0 POWN: 27 - 1 - isln. CIR, Fe dr. - \$10-12/dt + 5 ( Tr due, main &, 0, 6. Persone no pre Umo: f(x)= 4 1/= - fo : 8/4 = == => dr= -1 du+1 & 62 43 dt = = - 1 (24610-46)+64 3/2/NE)+62/t= = (+ 20 + 2)4-6 NUE dNE )+ 62t = = [-x011+x+6]dt-6/2d4= = 20/1+62 - VE) dt-6 VVE due2  $\tilde{\theta} = \frac{1}{\theta} + \frac{6^2}{2\theta}$   $\tilde{\theta} = -6$ Ondeny 2) Hacimu spiges no paent op spryeeea CIR: dre = all-va)dt+6 VvedHt Решение: вудет ганна-распреренение с парамерани k= 208 Kau no nongrumo? my monocoen propryees dit = u/x, t) dt + 6/x, t) dut ygoln. ур-ю доиды-планка-колмогорово. Op = - Ox [ MINESPINES]+ 02 [ O /n t) plat] y use: M/201 = 2(8-20) OlxH-6VE. Peype FPK: 2 + 2 (10-x) p7 = 52 - 2 (2p)

MA myan cray parap => 2/ =0 - my me gonuna norman nferens-

more reportera jabucca

```
=> ype FDK brano:
   2 [a(b-x) p] = 52 02 (xp)
  Unierpupys ero gla paja u cogregianas
    horyraciu, ymo por ~ 2 1 e - be M jauga ar mo ype
            чтого из этого оденого проглам, его мучено дониония 
на мершировочиро коменту (чтого имперал = 2)
              => po = 12 d-1 e-20 pk , 200 , ye 1141-10440 pyes
              A omo ne monices ranna-pacep e naparapara dus
9 8 = F(BEI. DIN) - 9 YELS OF MOCKETALLE EPOYH GOLFERILS.
     YORIN EX no nevery MONE - REPARC.
    Hyumo erurar y = x - 88r.
    DOU-ME, YMO EX-EY II MOWAN & MUMUMUZYAYONYEE POJShoe JURISHUS &
Pewerun: EY = E(X - \theta B T) = EX - \theta \cdot EB T - EX
        Nonen ynews much happer v => waso you municipales Var y
       QY = EY2-EXX = E(x-00)2-(Ex)2 (Ex2 20 E(x)) + 02 EBx2 - (Ex)2=
              = Va DX + 82 T-20 E(B+X) -> min
              = 2x+0/01-2E/07-X)
              \Rightarrow \theta := \Delta E(\theta r x)
            A oyenua gme 0 - omo 0:=2\(\varepsilon\) (\varepsilon\) - my oyenum o nhegberumsuo
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(5) Лавния-процес X, гмуна расу котран сова. с гмериом раст/ нешен гегаранняя привост прикар павшина, не наражина. Perone Bepen Xe:= W. 3, spe 3=51. p=1/2 ; 3LNE => K= ~ Ne , TIK P(K=20)= P(X=2)=1) P(S=1)+P(X=2)=-1)P(S=-1)= = P(Wt = 20)4 P(-Nt = 20)-1 = P(Wt = 20) (HyER Nt = -14) мо призтом хе-не маркитал Tik E(Xe/Fs) = E(Me-3/Fs) = E(Me-Ns+Ns)-3/Fs) = = E (NE-NS). SIFS) + E (NS. SIFS) = E/NE-NS). ES + ENS. ES = 0. \$ X5 = NS. S. X5 (1) Hacimu gc & sugern leemo, fdx=rsidt+ vz sidly of dr - x10-x101 + 6/2 dhise Person: CIS, K, T) = e - E & IST-K)+  $CBSO, dK,T) = e^{-rT} E^{\alpha}[dSr - dK]^{+} = dC[SO, K,T]$ Duppineer no and a negocinalia d=1- a gonnun negyano esse kirt. => 1/2 00 So + 1/2 OCK = C/So, K,T) 100 1/So. Pas (Strok) - K. Bolt). Par (Srok) I meha, age des gr Muhabrubaen noep ppu Souk: => \ \frac{2C}{080} = \kappa \text{Dep. npu So = pas (Sr > k) = \ \beta^2 \left \ln Sr > \ln k / so = 50; \left \text{ny}