04.10.21. Manoununos. Nergues 3. Ecous your I nopegos: F(x, u(x), Ux, (x)... Ux, (x))=0. MARKEN C MILLETHAX YP-18 I TO nofigure num ype + nefegual belx) Ux+1x)+...+ bn/x/Uxn/x)=0. (Ze, ou>=0. $\beta i \in C^{\infty}(\mathbb{R}^n)$ - respect bour none, $\beta_i^2 + ... + \beta_n^2 \neq 0$ - none we espayable β work. Int 1. Ecun U-Kraceur heuseus #, u x = b(x), m u(xe) = cont. 2. Genu v-rhagues g-yus, a tro 75>0: U(XII) = const nat-8.8) u [x= ax)

X(0)=x0, Dou-bo: d u(x/t) = Ellni xi = 54xibi = < 8,000. 1) Echu U-pemerme - to spales race = 0. 419. 2) Echu UTanolo, TINO UTXIEN = CONTE, FO MEBAS TACO = 9, 27 < 6, DUX = 0, a nouvereur ran gus nouspois roqueixo, no 4-houseur TE peuveus - 200 Te u Tonour Te q-41111, 1005, nocroserius epone traubor x- By Ont. Pullerus yp.s i= b(x) - napol xafaurepuenuanu. u(x) que sons cuereno u also neplosa un responsa. XXX M=COURT Хопи решил Заргу коши: of <6,04>=0 4/ мп-1 = д-пария на м чу Sapara, oreb, he beerga hemaeris. nanhunes, ecun snoops. of " " Это непиза срепат, если из жаран терисписа, а д-не постяшил. Tax me u my time orieners, runo un pri remus xogansermen, a me noero una -ro ne siges penienas Te na nob. n., eogepsames yapansepuerini - mero crabier 3.K. hran, Eco 2-repuese nob-a: 12 A U/A/=? XONUM: W(A)=? Breaen: u=cons byone xapourepuenu

Kak maine u/1)? my npobecni reply A - xapantepucany, ona nepecerien M" & porce B u rospa U/A)= 9/0). Ести черу побую чогин по иношим провает харамгеристину-го все ок Харашчеристин монут васт себя офин спосино -понтну задага решаекся Teoperera Ecuci pe N", B(p)d TpH", De го в неиот окр-пе годии р 21. решения и задачи коми. Sam. Yonolue 61p) & Tp Na-1- ujoabnoer or nevauus xafaurepuenus и с другой спероио, что пене в происверсально иле пловновы -Dou-lo. And a nouveyow & browns for 18" - 18" TE y-row rocky bought voruse f Peuraeus: f x(t,y) = b(x(t,y))
x(0,y) = f(y) Project coopacience: It, you you) -> (xe/t,y)... xo Hy) MA YORLY OSpanes no cross. Идина ческий об обр. домии: F: Rh-sigh Your opanis & 8 mue a Genu det Flat to - To novanous I magnese F- Te Francisco guppeougloupy как у нас угрение мар Яном: OKA OKA OKA OKA | LZO A NO YON BY TO HAT > experience + 0 A no you by Tom" -> experences +0 >> 3 objance oragine to total Bonha: your byok & pareche peuceuce? curron or signify fox hy u(x) := g(y(x))! XPYWOCHN-1 horecay u(x)-peruence? · Elme XE nob-se, no U(x)=g(rosuu na nob-n) - rean u peneumo

почешу и-рашение, че почему и-посто янно вдого решения? My y was bee xapaurepuerum & mei agra - unesor bup #x/t,y]! ⇒ ести взет и на это харантеристии: U/X(t,y)) - 20 paluo g/y) ny mem symbo t! Municip of $u_{x_1+2u_{x_2}=0}$ $u_{x_1=0}=g(x_2)$ Te w-noet, na xapoure puence! com Hy everence na xapaure pecenius, $\int \dot{x}_1 = 1 \Rightarrow \int \dot{x}_1(t) = t + \dot{x}_1^*$ Befin (x1:1/2) - MAN MYMMO refy By rongy repolecus referencement go represenue e acus z Te x, =0 =>t=x, => x2° = X2 - 2x, => U(ki,ka) = { U(ki,ki) = g(ki) = g(ka-8k) boë! Зам. Араным учили жи депоя? Ecun b(x) \$0, 80] janua 100/19. x=x(y), corofas barformset none, The buolox roofs: gos tily = ulxly) you uncer bup. => 0 - pemenne => 0 = 6 (y2 ... yn) -> buer kooff: u(x) = 07 yelx) . Yold), re ya ya ya - I e un cafara Te gare Ux, + 21/2=0: $\frac{dx_1}{dx_2} = \frac{dx_2}{2}$ => 2 alx, = alx2 => d/24, - X2) = 0. => 2x, -xy = court -> Boskoe pemenne uneem beep: flax, xe) xy UTON: pempen numerinoe yren Anghizus - gologum xepano presente go nymuci nobse

behosmocrice negetable hue remement mount your Veuracu zapary Dupurne: 1 AV = 0
Von = 9. Копи волусние такую кривую, чтого ША): = 913). Do, napo uz ronne a borgoner bunch repoyeec, a use) = E gras. Ecrub (12, F, P) Bunefolcieus rhoyees on orosp 1. i+00 x ~ -> M. Myrepunce Here) 2 t -> Helwl- Menkep. 3. Hz - Ms ~N(0, t-s), t>s 4. tock. Lin: Nio; Kir- Wito -. Win- Win- - Kepal. HE BIR" = 1421; LEY-regal recop i-regues Эле такого процесса сперует из в. колмогорова. 110 сого сенестевах

Оо колмогорова, по произи мери пина. 23 - то правит пи напререда.

и заше старунова С вищер проуссом имино сведал сен-во с-атегр: Ft = 6/Ns; 3e (C;t3) = 6 low: Ns, hujeb. - As, wie Bis); 0 = s, < . = s < t - corect

Purspagno Inf. Dou-to, rue Hi-Ns 4 Fz - rejabelland, leny tos. Unrespon umo Sxdut - copoura que rhopec-upaquemos X+ E 12 10,77 = 3 x0 : 1) E 5 1x+1 2/2 co моши проверия, что в ист пложа: 2) crosp. (t,w)-xe(w), the year orosp. B/rexxxxx -> B(R). YE = E y (w) + Stign) (t): Y - uprepuno ornoe F. 3am. Come Xt-Memper / Te t-Xeles - Kerpess, To gove whosh experiences.

Joeranovino, remoon Xx Ern Ft-Upressen 1 g Ft gove many approximation of the series OH: 1) numery 2) E (Yedhe = 0. - 7. K) - out fy - ynchung, Wys, - Hy and for ty) 3) E(5 Years) = E 5 1/2/2 at

= Mushimuaew: Ye - Xe, 4 g xedue = lm g xedut Populyna limo: dx = Bd++6dH+ = xi= 26+ gtisw)ds+ gto 9/s, w)dNs пусть з-пладиал д-чил с огранит произвориями n 4 = f(xt). Ran bornsgurdy!; A= 66t $dY_t = \frac{2f}{2x_t} dX_t^1 + \frac{1}{2} tr(AR_f^2) dt$ Crox gup. yp.e: H- puneune Jalke = b(xe) all + 5(xe) alle) chargen xo. Incumaeres mo: X = Xo + & b(xe)ds + & b(xe)ds (скигаем, что в,6-гларкие с пр произворноми) Teopera new yor ?: hemans 3! I now repy news kinaps! Meneus ceramoban Y: N > 12 + 10 : 17 + + 4 & 54. Imp Ecnu Xx-hermence CDy - 10 2= inglt >0: Xx & Mf - SBA. MONEURON CETTURBUR. 3am. P-na Umo Bepua c 2 bueco t, re, f reduce of the Ison dille. Teoperus Megn, muo: Lu= 1 tr(AA2U)+<6, OU>, spe A=60? u gns besneux rnagueux fu g: I! pemenne u japarn supuru f lu=f Togo Ersen, ife the mestro: Xi & As a XL y youn cay: 1 dx = 8/x)dt + 6/x)dilt u befur paleueto. u(y) = Eg(x2) + Ef g(x2) dt B rachoon, eenu f = 0, no u(y) = Eg(x23) Ban. hpunyun marc energes orchoga oreligno: max u = max g

minu = min g

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Дон-во: И-решение
        ho pre unogno u(xx):
               U(x29) = U(x3) + 5 (2 tr(AD24)+28,042)(x3) els+ 8 -- dWs.
           Bojenin IN: = minszins-enola moneur per.
           No feraleure en brecen t u logorish M.O.
              EU(X74) = U(y) + E & LU(X5) ds 4)
      Perment Takyro Japany: fru=1

Who = 0 ; u-knaeur remens u-orp. p-yme.
              => ETN = 2C; N - 00
               >> E 24 200.
        house, me the > Tyles
        A Moyece - Menny -> 8/20) reperogum K rhegery neu N-00.
                nougraeu EU(x_3) = U(y) + E_5^{E_3}(x_3) ds.
                    >> uly) = Eg(xzy) - E j g(xzy)de yay
   Munet Befier ( June man.
               Ty = MI t>0: 9+ Ht & B} - The Kaga bunch, imposee busger yourself
           Y mae 6=0,6=I;
Lu = £su. } Lsu= $ \\
\[ \lambda \log = 9 \\
\[ \log \log \log \]
        P-no: [uly) = Egly+Hzy) - E j gly+Hs)ds nge u-person
         Dopenin g=0, f=1.
        Pemaen: 1 = 0 - my wx = - R2+1x12
                              Ety = - Uly) = R2-14/2 - Epigen Braces Pares Pares
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(99) I was: uly) = Egly+ Nos) the Yuar buref rpayers on manufust. Appois enocos mepo bunepa PN va CSO,77: - Tie bejuotuno bie bejution. Helw) = with Паштрии, по старити » сточии зреши мера винера это: из Ед(у+W2): bep some [Egly+Nr)= & gly+WITHIN] PNIdW.) Опянь печод харангеристи: Municip the member on: 10 Hs + div 1846)=0; Mt - lep. elepor na R. ECHU ME DONO DA JASAMO MONICODOS: ME = SIXEJAS, 10 DTHO DT YPE. ge+8.fx++ + bugin +du8p=0. Neuweill: x= 8(x) - xofausquenua y xely) Mt:= 20 Xt' - repense de sport xafausepicerne. Tre 14(E) = D(Xi'(E)) 4ml. Ht - permenece. A 8 ranous enorm? My 44. bon. ly 44 bon: d Sydu = \$ 28, 04 >dut.

My cour $M_t = \int 2R_t P_t > d_{t}t$ My cour $M_t = \int 2R_t P_t > d_{t}t$ My cour $M_t = \int 2R_t P_t > d_{t}t$ My cour $M_t = \int 2R_t P_t > d_{t}t$ My cour $M_t = \int 2R_t P_t > d_{t}t$ My cour $M_t = \int 2R_t P_t > d_{t}t$ My cour $M_t = \int 2R_t P_t > d_{t}t$ My cour $M_t = \int 2R_t P_t > d_{t}t$ My cour $M_t = \int 2R_t P_t > d_{t}t$ My cour $M_t = \int 2R_t P_t > d_{t}t$ My course $R_t = \int 2R_t P_t P_t > d_{t}t$ My course $R_t = \int 2R_t P_t P_t > d_{t}t$ My course $R_t = \int 2R_t P_t P_t > d_{t}t$ My course $R_t = \int 2R_t P_t P_t > d_{t}t$ My course $R_t = \int 2R_t P_t P_t > d_{t}t$ My course $R_t = \int 2R_t P_t P_t P_t > d_{t}t$ My course $R_t = \int 2R_t P_t P_t P_t > d_{t}t$ My course $R_t = \int 2R_t P_t P_t P_t P_t$

u 7= do.
=>/u(E)= Il xi '[E]] = f1, oe xi '[E] = 5x(0)
0, of xi '[E]

xu(0) dE. Hanfuner, eenu 7= 25. Te ran: V= & X+ Te 8- repa roexabras epone rapavrepuerve. эт дря ур-я мерајровиски метод кероизеристие вогладит таи: (our na meny) nga / Thaeur Xt Uniau, Domo ype: 2 Ut + div/8/41=0. Ma nousau, 4mo neucomo per - Po X- - nepauce mepa Epons Thacusphies Bojonen propanenne: y + y (y) ko/y) IRM IRMX CSQ.77 $\Psi: Ouo concernbaser urpeary personne ecoh japoni wow: <math display="block"> 1 \stackrel{X_1}{\times} = 6x$ $x \Rightarrow 0 \longrightarrow p - 2 - xv^{-1}$ x(o) = g# => P = 20 4" что то за тера р? My I Ha IRM*CSO, 7] OSNafaer Cb-Banu; 1) P weperowers roman na napar 14, to), upe XIH-y- & blushes 2) Po Pi = Me Kerpee uses personer y supportune 37 gas 1/2 - MOULUS HARUCER TO CROTOCTURECHOR SOFTEMAN Techena 12 Ambrosio) hyons H- remember yp-8 of H+ +dirtbye)=0 - range to persone weeks t - Mr - mentof repulses & up-te beforep ryour f- yest orp <- enciena x= f(x)- money me persone Morga 7 Mepa P na 12 x C(0,T): 1) Po Pi = Mt - spoenyers ; Pt ((y, x.)) = Xt 2) P coepeporara na napar luga (yis): XIt) = y+ & BIX 31 de 1 (100) X 00 110